BRADY CORP

Form 10-K

September 15, 2016

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UNITED STATES

SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

Form 10-K

x ANNUAL REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934 For the fiscal year ended July 31, 2016

OR

...TRANSITION REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934

For the transition period from to

Commission file number 1-14959

BRADY CORPORATION

(Exact name of registrant as specified in charter)

Wisconsin 39-0178960 (State or other jurisdiction of incorporation or organization) Identification No.)

6555 West Good Hope Road,

53223

Milwaukee, WI

(Address of principal executive offices) (Zip Code)

(414) 358-6600

(Registrant's telephone number, including area code) Securities registered pursuant to Section 12(b) of the Act:

Title of each class Name of each exchange on which registered

Class A Nonvoting Common Stock, Par

Value \$.01 per share

New York Stock Exchange

Securities registered pursuant to Section 12(g) of the Act: None

Indicate by check mark if the registrant is a well-known seasoned issuer, as defined in Rule 405 of the Securities Act. Yes \circ No "

Indicate by check mark if the registrant is not required to file reports pursuant to Section 13 or Section 15(d) of the Act. Yes "No ý

Indicate by check mark whether the registrant (1) has filed all reports required to be filed by Section 13 or 15(d) of the Securities Exchange Act of 1934 during the preceding 12 months (or for such shorter period that the registrant was required to file such reports), and (2) has been subject to such filing requirements for the past 90 days. Yes ý No "Indicate by check mark whether the registrant has submitted electronically and posted on its corporate Web site, if any, every Interactive Data File required to be submitted and posted pursuant to Rule 405 of Regulation S-T during the preceding 12 months (or for such shorter period that the registrant was required to submit and post such files). Yes ý No "

Indicate by check mark if disclosure of delinquent filers pursuant to Item 405 of Regulation S-K is not contained herein, and will not be contained, to the best of the registrant's knowledge, in definitive proxy or information statements incorporated by reference in Part III of this Form 10-K or any amendment to this Form 10-K. ý Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer, or a smaller reporting company. See definition of "large accelerated filer", "accelerated filer", and "smaller reporting company" in Rule 12b-2 of the Exchange Act. (Check one):

Large accelerated filer Accelerated filer Accelerated filer Son-accelerated filer (Do not check if a smaller reporting company) Smaller reporting company

Indicate by check mark whether the registrant is a shell company (as defined in Rule 12b-2 of the Act). Yes " No \circ

The aggregate market value of the non-voting common stock held by non-affiliates of the registrant as of January 31, 2016, was approximately \$989,699,158 based on the closing sale price of \$22.44 per share on that date as reported for the New York Stock Exchange. As of September 12, 2016, there were 46,966,421 outstanding shares of Class A Nonvoting Common Stock (the "Class A Common Stock"), and 3,538,628 shares of Class B Common Stock. The Class B Common Stock, all of which is held by affiliates of the registrant, is the only voting stock.

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PART I

Item 1. Business

(a) General Development of Business

Brady Corporation ("Brady," "Company," "we," "us," "our") was incorporated under the laws of the state of Wisconsin in 191 The Company's corporate headquarters are located at 6555 West Good Hope Road, Milwaukee, Wisconsin 53223, and the telephone number is (414) 358-6600.

Brady Corporation is a global manufacturer and supplier of identification solutions and workplace safety products that identify and protect premises, products and people. The ability to provide customers with a broad range of proprietary, customized and diverse products for use in various applications, along with a commitment to quality and service, a global footprint, and multiple sales channels, have made Brady a leader in many of its markets.

The Company's primary objective is to build upon its market position and increase shareholder value by improving in the following key competencies:

Operational excellence — Continuous productivity improvement and process transformation.

Customer service — Focus on the customer and understanding customer needs.

Innovation advantage — Technologically advanced, internally developed products drive growth and sustain gross profit margins.

Global leadership position in niche markets.

Digital capabilities.

Compliance expertise.

The ability to provide customers with a broad range of proprietary, customized and diverse products for use in various applications across multiple customers and geographies, along with a commitment to quality and service, have made Brady a leader in many of its markets. The long-term sales growth and profitability of our segments will depend not only on improved demand in end markets and the overall economic environment, but also on our ability to continuously improve operational excellence, focus on the customer, develop and market innovative new products, and to advance our digital capabilities. In our Identification Solutions ("ID Solutions" or "IDS") business, our strategy for growth includes an increased focus on key customers, industries and products and improving the efficiency and effectiveness of the research and development ("R&D") function. In our Workplace Safety ("WPS") business, our strategy for growth includes a focus on workplace safety critical industries, innovative new product offerings, and increased investment in digital capabilities.

The following were key initiatives supporting the strategy in fiscal 2016:

Driving operational efficiency within our manufacturing facilities and throughout the organization to improve profitability.

Focusing on operational excellence and providing the Company's customers with the highest level of customer service.

Enhancing our innovation development process to deliver high-value, innovative products that align with the Company's target markets.

Performing comprehensive product reviews to optimize the Company's product offerings.

Expanding our digital presence with a heightened focus on mobile technologies.

Growing through focused sales and marketing efforts in selected vertical markets and strategic accounts.

Enhancing our global employee development process to attract and retain key talent.

(b) Financial Information About Industry Segments

The information required by this Item is provided in Note 8 of the Notes to Consolidated Financial Statements contained in Item 8 - Financial Statements and Supplementary Data.

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(c) Narrative Description of Business

Overview

The Company is organized and managed on a global basis within two reportable segments: Identification Solutions and Workplace Safety.

The IDS segment includes high-performance and innovative identification and healthcare products that are manufactured under multiple brands, including the Brady brand, and are primarily sold through distribution to a broad range of maintenance, repair, and operations ("MRO") and original equipment manufacturing ("OEM") customers and through other channels, including direct sales, catalog marketing, and digital.

The WPS segment includes workplace safety and compliance products, which are sold under multiple brand names through catalog and digital to a broad range of MRO customers. Approximately half of the WPS business is derived from internally manufactured product and half is from externally sourced products.

Below is a summary of sales by reportable segments for the fiscal years ended July 31:

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2016 2015 2014

IDS 69.3 % 68.8 % 67.4 %

WPS 30.7 % 31.2 % 32.6 %

Total 100.0 100.0 100.0 100.0 %
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ID Solutions

Within the ID Solutions segment, the primary product categories include:

Facility identification and protection, which includes safety signs, pipe markers, labeling systems, spill control products, lockout/tagout devices, and software and services for auditing, procedure writing and training.

• Product identification, which includes materials and printing systems for product identification, brand protection labeling, work in process labeling, and finished product identification.

Wire identification, which includes hand-held printers, wire markers, sleeves, and tags.

People identification, which includes self-expiring name tags, badges, lanyards, and access control software.

Patient identification, which includes wristbands and labels used in hospitals for tracking and improving the safety of patients.

• Custom wristbands used in the leisure and entertainment industry such as theme parks, concerts and festivals.

Approximately 65% of ID Solutions products are sold under the Brady brand. In the United States, identification products for the utility industry are marketed under the Electromark brand; spill-control products are marketed under the SPC brand; and security and identification badges and systems are marketed under the Identicard, PromoVision, and Brady People ID brands. Wire identification products are marketed under the Modernotecnica brand in Italy and lockout/tagout products are offered under the Scafftag brand in the U.K. Custom labels and nameplates are available under the Stickolor brand in Brazil; identification and patient safety products in the healthcare industry under the PDC Healthcare brand in the U.S. and Europe; and custom wristbands for the leisure and entertainment industry are available under the PDC brand in the U.S. and the PDC B.I.G. brand in Europe.

The ID Solutions segment offers high quality products with rapid response and superior service to provide solutions to customers. The business markets and sells products through multiple channels including distributors, direct sales, catalog marketing, and e-commerce. The ID Solutions sales force partners with end-users and distributors by providing technical application and product expertise.

This segment manufactures differentiated, proprietary products, most of which have been internally developed. These internally developed products include materials, printing systems, and software. IDS competes for business principally on the basis of engineering, research and development capabilities, materials expertise, customer service, product quality and price, safety expertise, and production capabilities. Competition is highly fragmented, ranging from smaller companies offering minimal product variety, to some of the world's largest major adhesive and electrical product companies offering competing products as part of their overall product lines.

ID Solutions serves customers in many industries, which include industrial manufacturing, electronic manufacturing, healthcare, chemical, oil, gas, automotive, aerospace, defense, mass transit, electrical contractors, leisure and

entertainment and telecommunications, among others.

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Workplace Safety

Within the Workplace Safety segment, the primary product categories include:

Safety and compliance signs, tags, and labels.

Informational and architectural signage.

Asset tracking labels.

First aid products.

Industrial warehouse and office equipment.

Labor law compliance posters.

Products within the Workplace Safety segment are sold under a variety of brands including: safety and facility identification products offered under the Seton, Emedco, Signals, Safety Signs Service and Pervaco brands; first aid supplies under the Accidental Health and Safety, Trafalgar, and Securimed brands; warehouse supplies and industrial furniture under the Runelandhs and Welco brands; wire identification products marketed under the Carroll brand; and labor law compliance posters under the Personnel Concepts brand.

The Workplace Safety segment manufactures a broad range of stock and custom identification products, and also sells a broad range of related resale products. Historically, both the Company and many of our competitors focused their businesses on catalog marketing, often with varying product niches. However, the competitive landscape is changing with the continued evolution of digital channels. Many of our competitors extensively utilize e-commerce to promote the sale of their products. A consequence of this shift is price transparency, as prices on non-proprietary products can be easily compared. Therefore, to compete effectively, we continue to focus on developing dynamic pricing capabilities and enhancing customer experience as these are critical to convert customers from traditional catalog channels to digital.

Workplace Safety primarily sells to other businesses and serves many industries, including manufacturers, process industries, government, education, construction, and utilities. The business markets and sells products through multiple channels, including catalog, telemarketing and digital.

Discontinued Operations

Discontinued operations include the Asia Die-Cut and European Die-Cut businesses ("Die-Cut"), which were announced as held for sale in the third and fourth quarters of fiscal 2013, respectively. In fiscal 2014, the Company entered into an agreement with LTI Flexible Products, Inc. (d/b/a Boyd Corporation) for the sale of Die-Cut. The first phase of the divestiture closed in the fourth quarter of fiscal 2014 and the second phase of the divestiture closed in the first quarter of fiscal 2015. The operating results of the Die-Cut businesses were reflected as discontinued operations in the consolidated statements of earnings for the years ended July 31, 2015 and 2014.

The Die-Cut business consisted of the manufacture and sale of precision converted products such as gaskets, meshes, heat-dissipation materials, antennaes, dampers, filters, and similar products sold primarily to the electronics industry with a concentration in the mobile-handset and hard-disk drive industries.

Research and Development

The Company focuses its research and development ("R&D") efforts on pressure sensitive materials, printing systems and software, and it mainly supports the IDS segment. Material development involves the application of surface chemistry concepts for top coatings and adhesives applied to a variety of base materials. Systems design integrates materials, embedded software and a variety of printing technologies to form a complete solution for customer applications. In addition, the research and development team supports production and marketing efforts by providing application and technical expertise.

The Company owns patents and tradenames relating to certain products in the United States and internationally. Although the Company believes that patents are a significant driver in maintaining its position for certain products, technology in the areas covered by many of the patents continues to evolve and may limit the value of such patents. The Company's business is not dependent on any single patent or group of patents. Patents applicable to specific products extend for up to 20 years according to the date of patent application filing or patent grant, depending upon the legal term of patents in the various countries where patent protection is obtained. The Company's tradenames are valid ten years from the date of registration, and are typically renewed on an ongoing basis.

The Company spent \$35.8 million, \$36.7 million, and \$35.0 million on its R&D activities during the fiscal years ended July 31, 2016, 2015, and 2014, respectively. The decrease in R&D spending in fiscal 2016 compared to the prior year was primarily due to efficiency gains within the R&D function and to a lesser extent, the strengthening of the U.S. dollar. As of July 31, 2016, 210 employees were engaged in R&D activities for the Company.

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Operations

The materials used in the products manufactured consist of a variety of plastic and synthetic films, paper, metal and metal foil, cloth, fiberglass, inks, dyes, adhesives, pigments, natural and synthetic rubber, organic chemicals, polymers, and solvents for consumable identification products in addition to electronic components, molded parts and sub-assemblies for printing systems. The Company operates a coating facility that manufactures bulk rolls of label stock for internal and external customers. In addition, the Company purchases finished products for resale. The Company purchases raw materials, components and finished products from many suppliers. Overall, we are not dependent upon any single supplier for our most critical base materials or components; however, we have chosen in certain situations to sole source, or limit the sources of materials, components, or finished items for design or cost reasons. As a result, disruptions in supply could have an impact on results for a period of time, but we believe any disruptions would simply require qualification of new suppliers and the disruption would be modest. In certain instances, the qualification process could be more costly or take a longer period of time and in rare circumstances, such as a global shortage of critical materials or components, the financial impact could be material. The Company currently operates 42 manufacturing and distribution facilities globally.

The Company carries working capital mainly related to accounts receivable and inventory. Inventory consists of raw materials, work in process and finished goods. Generally, custom products are made to order while an on-hand quantity of stock product is maintained to provide customers with timely delivery. Normal and customary payment terms range from net 30 to 90 days from date of invoice and varies by geographies.

The Company has a broad customer base, and no individual customer is 10% or more of total net sales. Average delivery time for customer orders varies from same-day delivery to one month, depending on the type of product, customer request, and whether the product is stock or custom-designed and manufactured. The Company's backlog is not material, does not provide significant visibility for future business and is not pertinent to an understanding of the business.

Environment

Compliance with federal, state and local environmental protection laws during fiscal 2016 did not have a material impact on the Company's business, financial condition or results of operations.

Employees

As of July 31, 2016, the Company employed approximately 6,500 individuals. Brady has never experienced a material work stoppage due to a labor dispute and considers its relations with employees to be good.

(d) Financial Information About Foreign and Domestic Operations and Export Sales

The information required by this Item is provided in Note 8 of the Notes to Consolidated Financial Statements contained in Item 8 — Financial Statements and Supplementary Data.

(e) Information Available on the Internet

The Company's Corporate Internet address is http://www.bradycorp.com. The Company makes available, free of charge, on or through its Internet website copies of its Annual Report on Form 10-K, Quarterly Reports on Form 10-Q, Current Reports on Form 8-K, and amendments to all such reports as soon as reasonably practicable after such reports are electronically filed with or furnished to the SEC. The Company is not including the information contained on or available through its website as part of, or incorporating such information by reference into, this Annual Report on Form 10-K.

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Item 1A. Risk Factors

Investors should carefully consider the risks set forth below and all other information contained in this report and other documents we file with the SEC. The risks and uncertainties described below are those that we have identified as material, but are not the only risks and uncertainties facing us. Our business is also subject to general risk and uncertainties that affect many other companies, such as market conditions, geopolitical events, changes in laws or accounting rules, fluctuations in interest rates, terrorism, wars or conflicts, major health concerns, natural disasters or other disruptions of expected economic or business conditions. Additional risks and uncertainties not currently known to us or that we currently believe are immaterial also may impair our business and financial results.

Business Risks

Failure to compete effectively or to successfully execute our strategy may have a negative impact on our business and financial results.

We actively compete with companies that produce and market the same or similar products, and in some instances, with companies that sell different products that are designed for the same end user. Competition may force us to reduce prices or incur additional costs to remain competitive. We compete on the basis of price, customer support, product innovation, product offering, product quality, expertise, production capabilities, and for multinational customers, our global footprint. Present or future competitors may develop and introduce new and enhanced products, offer products based on alternative technologies and processes, accept lower profit, have greater financial, technical or other resources, or have lower production costs or other pricing advantages. Any of these could put us at a disadvantage by threatening our share of sales or reducing our profit margins, which could adversely impact our business and financial results. Additionally, throughout our global business, distributors and customers may seek lower cost sourcing opportunities, which could result in a loss of business that may adversely impact our business and financial results.

Our strategy is to expand into higher-growth adjacent product categories and markets with technologically advanced new products, as well as to grow our sales generated through the digital channel. While traditional direct marketing channels such as catalogs are an important means of selling our products, an increasing number of customers are purchasing products on the internet. Our strategy to increase sales through the digital channel is an investment in our internet sales capabilities. There is a risk that we may not continue to successfully implement this strategy, or if successfully implemented, not realize its expected benefits due to the continued levels of increased competition and pricing pressure brought about by the internet. Our failure to successfully implement our strategy could adversely impact our business and financial results.

Failure to develop technologically advanced products that meet customer demands, including price expectations, could adversely impact our business and financial results.

Development of technologically advanced new products is targeted as a driver of our organic growth and profitability. Technology is changing rapidly and our competitors are innovating quickly. If we do not keep pace with developing technologically advanced products, we risk product commoditization, deterioration of the value of our brand, and reduced ability to effectively compete. We must continue to develop innovative products, as well as acquire and retain the necessary intellectual property rights in these products. If we fail to make innovations, or we launch products with quality problems, or if customers do not accept our products, then our business and financial results could be adversely affected.

Our failure or the failure of third-party service providers to protect our sites, networks and systems against security breaches, or otherwise to protect our confidential information, could adversely affect our business and financial results.

Our business systems collect, maintain, transmit and store data about our customers, vendors and others, including credit card information and personally identifiable information, as well as other confidential and proprietary information. We also employ third-party service providers that store, process and transmit proprietary, personal and confidential information on our behalf. We rely on encryption and authentication technology licensed from third parties in an effort to securely transmit confidential and sensitive information, including credit card numbers. Our security measures, and those of our third-party service providers, may not detect or prevent all attempts to hack our systems, denial-of-service attacks, viruses, malicious software, break-ins, phishing attacks, social engineering,

security breaches or other attacks and similar disruptions that may jeopardize the security of information stored in or transmitted by our sites, networks and systems or that we or our third-party service providers otherwise maintain. We and our service providers may not have the resources or technical sophistication to anticipate or prevent all types of attacks, and techniques used to obtain unauthorized access to or sabotage systems change frequently and may not be known until launched against us or our third-party service providers. In addition, security breaches can also occur as a result of non-technical issues, including intentional or inadvertent breaches by our employees or by persons with whom we have commercial relationships. Although we maintain privacy, data breach and network security liability insurance, we cannot be certain that our coverage will be adequate or cover liabilities actually incurred, or that insurance will continue to be available to us on economically reasonable

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terms, or at all. Any compromise or breach of our security measures, or those of our third-party service providers, could adversely impact our ability to conduct business, violate applicable privacy, data security and other laws, and cause significant legal and financial exposure, adverse publicity, and a loss of confidence in our security measures, which could have an adverse and material effect on our business and financial results.

Deterioration of or instability in the global economy and financial markets may adversely affect our business and financial results.

Our business and operating results could be affected by global economic conditions. When global economic conditions deteriorate or economic uncertainty continues, customers and potential customers may experience deterioration of their businesses, which may result in the delay or cancellation of plans to purchase our products. Our sensitivity to economic cycles and any related fluctuations in the businesses of our customers or potential customers could have a material adverse impact on our business and financial results.

Demand for our products may be adversely affected by numerous factors, some of which we cannot predict or control. This could adversely affect our business and financial results.

Numerous factors may affect the demand for our products, including:

- •Future financial performance of major markets served.
- •Consolidation in the marketplace allowing competitors and customers to be more efficient and more price competitive.
- •Future competitors entering the marketplace.
- •Decreasing product life cycles.
- •Changes in customer preferences.

If any of these factors occur, the demand for our products could suffer, and this could adversely impact our business and financial results.

The loss of large customers could adversely affect our business and financial results.

While we have a broad customer base and no individual customer represents 10% or more of total sales, we conduct business with several large customers and distribution companies. Our dependence on these customers makes relationships with them important. We cannot guarantee that these relationships will be retained in the future. Because these large customers account for a significant portion of sales, they may possess a greater capacity to negotiate reduced prices. If we are unable to provide products to our customers at the quality and prices acceptable to them, some of our customers may shift their business to competitors or may substitute another manufacturer's products. If one of our large customers consolidates, is acquired, or loses market share, the result of that event may have an adverse impact on our business. The loss of or reduction of business from one or more of these large customers could have a material adverse impact on our business and financial results.

We depend on key employees and the loss of these individuals could have an adverse effect on our business and financial results.

Our success depends to a large extent upon the continued services of our key executives, managers and other skilled employees. We cannot ensure that we will be able to retain our key executives, managers and employees. The departure of key personnel without adequate replacement could disrupt our business operations. Additionally, we need qualified managers and skilled employees with technical and industry experience to operate our business successfully. If we are unable to attract and retain qualified individuals or our costs to do so increase significantly, our business and financial results could be materially adversely affected.

Failure to execute facility consolidations and maintain acceptable operational service metrics may adversely impact our business and financial results.

In prior fiscal years, we incurred unplanned operating costs related to the consolidation of certain facilities and we experienced a deterioration in key customer service metrics. We continually assess our global footprint and expect to implement additional measures to reduce our cost structure, simplify our business, and standardize our processes, and these actions could result in unplanned operating costs and business disruptions in the future. If these risks materialize, or if we fail to successfully address these inefficiencies, their effects could adversely impact our business and financial results.

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We are a global company headquartered in the United States. We are subject to extensive regulations by U.S. and non-U.S. governmental and self-regulatory entities at various levels of the governing bodies. Failure to comply with laws and regulations could adversely affect our business and financial results.

Our operations are subject to the risks of doing business domestically and globally, including the following:

Delays or disruptions in product deliveries and payments in connection with international manufacturing and sales.

Political and economic instability and disruptions.

Imposition of duties and tariffs.

Import, export and economic sanction laws.

Current and changing governmental policies, regulatory, and business environments.

Disadvantages from competing against companies from countries that are not subject to U.S. laws and regulations including the Foreign Corrupt Practices Act.

Local labor market conditions.

Regulations relating to climate change, air emissions, wastewater discharges, handling and disposal of hazardous materials and wastes.

Regulations relating to health, safety and the protection of the environment.

Specific country regulations where our products are manufactured or sold.

Laws and regulations that apply to companies doing business with the government, including audit requirements of government contracts related to procurement integrity, export control, employment practices, and the accuracy of records and recording of costs.

Further, these laws and regulations are constantly evolving and it is impossible to accurately predict the effect they may have upon our business and financial results.

We cannot provide assurance that our internal controls and compliance systems will always protect us from acts committed by employees, agents or business partners that would violate U.S. and/or non-U.S. laws, including the laws governing payments to government officials, bribery, fraud, anti-kickback and false claims rules, competition, export and import compliance, money laundering and data privacy. Any such improper actions could subject us to civil or criminal investigations in the U.S. and in other jurisdictions, could lead to substantial civil or criminal, monetary and non-monetary penalties and related lawsuits by shareholders and others, could damage our reputation, and could adversely impact our business and financial results.

We are subject to litigation, including product liability claims, that could adversely impact our business, financial results, and reputation.

We are a party to litigation that arises in the normal course of our business operations, including product warranty, product liability and recall (strict liability and negligence) claims, patent and trademark matters, contract disputes and environmental, employment and other litigation matters. We face an inherent business risk of exposure to product liability and warranty claims in the event that the use of our products is alleged to have resulted in injury or other damage. In addition, we face an inherent risk that our competitors will allege that aspects of our products infringe their intellectual property or that our intellectual property is invalid, such that we could be prevented from manufacturing and selling our products or prevented from stopping others from manufacturing and selling competing products. To date, we have not incurred material costs related to these types of claims. However, while we currently maintain insurance coverage in amounts that we believe are adequate, we cannot be sure that we will be able to maintain this insurance on acceptable terms or that this insurance will provide sufficient coverage against potential liabilities that may arise. Any claims brought against us, with or without merit, may have an adverse effect on our business, financial results and reputation as a result of potential adverse outcomes, the expenses associated with defending such claims, the diversion of our management's resources and time and the potential adverse effect to our business and financial results

Divestitures, contingent liabilities from divested businesses and the failure to properly identify, integrate and grow acquired companies could adversely affect our business and financial results.

We continually assess the strategic fit of our existing businesses and may divest businesses that we determine do not align with our strategic plan, or that are not achieving the desired return on investment. For example, over the last

three fiscal years, we divested our Asian Die-Cut and European Die-Cut businesses. Divestitures pose risks and challenges that could negatively impact our business. For example, when we decide to sell a business or assets, we may be unable to do so on satisfactory terms and within our anticipated time-frame, and even after reaching a definitive agreement to sell a business, the sale is typically subject to pre-closing conditions which may not be satisfied. In addition, the impact of the divestiture on our revenue and net earnings may be larger than projected, which could distract management, and disputes may arise with buyers. Also, we have retained responsibility for and have agreed to indemnify buyers against certain contingent liabilities related to a number of businesses that we have sold.

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The resolution of these contingencies has not had a material adverse impact on our financial results, but we cannot be certain that this favorable pattern will continue.

Our historical growth has included acquisitions, and our future growth strategy may include acquisition opportunities. If our future growth strategy includes a focus on acquisitions, we may not be able to identify acquisition targets or successfully complete acquisitions due to the absence of quality companies in our target markets, economic conditions, or price expectations from sellers. Acquisitions place significant demands on management, operational, and financial resources. Recent and future acquisitions will require integration of operations, sales and marketing, information technology, and administrative operations, which could decrease the time available to focus on our other growth strategies. We cannot assure that we will be able to successfully integrate acquisitions, that these acquisitions will operate profitably, or that we will be able to achieve the desired sales growth or operational success. Our business and financial results could be adversely affected if we do not successfully integrate the newly acquired businesses, or if our other businesses suffer due to the increased focus on the acquired businesses.

Financial/Ownership Risks

The global nature of our business exposes us to foreign currency fluctuations that could adversely affect our business and financial results.

Approximately 45% of our sales are derived outside the United States. Sales and purchases in currencies other than the U.S. dollar expose us to fluctuations in foreign currencies relative to the U.S. dollar, and may adversely affect our financial statements. Increased strength of the U.S. dollar will increase the effective price of our products sold in currencies other than U.S. dollars into other countries. Decreased strength of the U.S. dollar could adversely affect the cost of materials, products, and services purchased overseas. Our sales and expenses are translated into U.S. dollars for reporting purposes, and the strengthening or weakening of the U.S. dollar could result in unfavorable translation effects, which occurred during the fiscal years 2015 and 2016. In addition, certain of our subsidiaries may invoice customers in a currency other than its functional currency, which could result in unfavorable translation effects on our business and financial results.

Failure to execute our strategies could result in impairment of goodwill or other intangible assets, which may negatively impact earnings and profitability.

We have goodwill of \$429.9 million and other intangible assets of \$59.8 million as of July 31, 2016, which represents 46.9% of our total assets. In fiscal years 2014 and 2015, the Company recorded impairment charges of approximately \$195 million related to the goodwill and other intangible assets of multiple reporting units. We evaluate goodwill and other intangible assets for impairment on an annual basis, or more frequently if impairment indicators are present, based upon the fair value of each respective asset. These valuations include management's estimates of sales, profitability, cash flow generation, capital structure, cost of debt, interest rates, capital expenditures, and other assumptions. Significant negative industry or economic trends, disruptions to our business, inability to achieve sales projections or cost savings, inability to effectively integrate acquired businesses, unexpected significant changes or planned changes in use of the assets or in entity structure, and divestitures may adversely impact the assumptions used in the valuations. If the estimated fair value of our goodwill or other intangible assets change in future periods, we may be required to record an impairment charge, which would reduce the earnings in such period and potentially future earnings.

Changes in tax legislation or tax rates could adversely affect results of operations and financial statements. Additionally, audits by taxing authorities could result in tax payments for prior periods.

We are subject to income taxes in the U.S. and in many non-U.S. jurisdictions. As such, our earnings are subject to risk due to changing tax laws and tax rates around the world. At any point in time, there are a number of tax proposals at various stages of legislation throughout the globe. While it is impossible for us to predict whether some or all of these proposals will be enacted, it likely would have an impact on our earnings.

Our tax filings are subject to audit by U.S. federal, state and local tax authorities and by non-U.S. tax authorities. If these audits result in payments or assessments that differ from our reserves, our future net earnings may be adversely impacted.

We review the probability of the realization of our deferred tax assets on a quarterly basis based on forecasts of taxable income in both the U.S. and foreign jurisdictions. As part of this review, we utilize historical results, projected

future operating results, eligible carry-forward periods, tax planning opportunities, and other relevant considerations. Adverse changes in profitability and financial outlook in both the U.S. and/or foreign jurisdictions, or changes in our geographic footprint may require changes in the valuation allowances in order to reduce our deferred tax assets. Such changes could result in a material impact on earnings.

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Our annual cash needs could require us to repatriate cash to the U.S. from foreign jurisdictions, which may result in tax charges. We had no such tax charges during the fiscal years 2015 or 2016. However, in fiscal 2014, we repatriated cash to the U.S. in connection with the sale of the Die Cut businesses, which resulted in a tax charge of \$4.0 million in continuing operations.

Substantially all of our voting stock is controlled by members of the Brady family, while our public investors hold non-voting stock. The interests of the voting and non-voting shareholders could differ, potentially resulting in decisions that unfavorably affect the value of the non-voting shares.

Substantially all of our voting stock is controlled by Elizabeth Pungello Bruno, one of our Directors, and William H. Brady III, both of whom are descendants of the Company's founder. All of our publicly traded shares are non-voting. Therefore, Ms. Bruno and Mr. Brady have control in most matters requiring approval or acquiescence by shareholders, including the composition of our Board of Directors and many corporate actions. Such concentration of ownership may discourage a potential acquirer from making a purchase offer that our public shareholders may find favorable, which in turn could adversely affect the market price of our common stock or prevent our shareholders from realizing a premium over our stock price. Furthermore, this concentration of voting share ownership may adversely affect the trading price for our non-voting common stock because investors may perceive disadvantages in owning stock in companies whose voting stock is controlled by a limited number of shareholders.

Failure to meet certain financial covenants required by our debt agreements may adversely affect our business and financial results.

As of July 31, 2016, we had \$216.9 million in outstanding indebtedness. In addition, based on the availability under our credit facilities as of July 31, 2016, we had the ability to borrow an additional \$183.7 million under our revolving credit agreement. Our current revolving credit agreement and long-term debt obligations also impose certain restrictions on us. Refer to Management's Discussion and Analysis of Financial Condition and Results of Operations ("MD&A") within Item 7 for more information regarding our credit agreement and long-term debt obligations. If we breach any of these restrictions or covenants and do not obtain a waiver from the lenders, then subject to applicable cure periods, the outstanding indebtedness (and any other indebtedness with cross-default provisions) could be declared immediately due and payable, which could adversely affect our financial results.

Item 1B. Unresolved Staff Comments

None.

Item 2. Properties

The Company currently operates 42 manufacturing and distribution facilities across the globe and are split by reporting segment as follows:

IDS: Thirty facilities are used for our IDS business. Five each are located within the United States and China; four in Belgium; three in Mexico; two each in the United Kingdom, Brazil, and India; and one each in Canada, Hong Kong, Denmark, Japan, Malaysia, Singapore, and South Africa.

WPS: Twelve facilities are used for our WPS business. Four are located in France; two each are located in Australia and Germany; and one each in the Netherlands, Sweden, the United Kingdom, and the United States.

The Company's present operating facilities contain a total of approximately 2.2 million square feet of space, of which approximately 1.6 million square feet is leased. The Company believes that its equipment and facilities are modern, well maintained, and adequate for present needs.

Item 3. Legal Proceedings

The Company is, and may in the future be, party to litigation arising in the normal course of business. The Company is not currently a party to any material pending legal proceedings in which management believes the ultimate resolution would have a material effect on the Company's consolidated financial statements.

Item 4. Mine Safety Disclosures

Not applicable.

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PART II

Item 5. Market for Registrant's Common Equity, Related Stockholder Matters and Issuer Purchases of Equity Securities

(a) Market Information

Brady Corporation Class A Nonvoting Common Stock trades on the New York Stock Exchange under the symbol BRC. The following table sets forth the range of high and low daily closing sales prices for the Company's Class A stock as reported on the New York Stock Exchange for each of the quarters in the fiscal years ended July 31:

	2016		2015		2014	
	High	Low	High	Low	High	Low
4th Quarter	\$32.68	\$26.29	\$26.76	\$23.15	\$30.75	\$24.26
3rd Quarter	\$27.82	\$21.13	\$28.91	\$26.03	\$27.89	\$25.15
2nd Quarter	\$26.39	\$20.84	\$27.56	\$23.50	\$31.61	\$27.36
1st Quarter	\$24.29	\$19.52	\$27.07	\$21.19	\$35.54	\$29.19

There is no trading market for the Company's Class B Voting Common Stock.

(b) Holders

As of August 31, 2016, there were 1,063 Class A Common Stock shareholders of record and approximately 9,000 beneficial shareholders. There are three Class B Common Stock shareholders.

(c) Issuer Purchases of Equity Securities

The Company has a share repurchase program of the Company's Class A Nonvoting Common Stock. The plan may be implemented by purchasing shares in the open market or in privately negotiated transactions, with repurchased shares available for use in connection with the Company's stock-based plans and for other corporate purposes. The Company did not repurchase any shares during the three months ended July 31, 2016. As of July 31, 2016, there remained 2,000,000 shares to purchase in connection with this share repurchase program.

(i) Dividends

The Company has historically paid quarterly dividends on outstanding common stock. Before any dividend may be paid on the Class B Common Stock, holders of the Class A Common Stock are entitled to receive an annual, noncumulative cash dividend of \$0.01665 per share (subject to adjustment in the event of future stock splits, stock dividends or similar events involving shares of Class A Common Stock). Thereafter, any further dividend in that fiscal year must be paid on all shares of Class A Common Stock and Class B Common Stock on an equal basis. The Company believes that based on its historic dividend practice, this requirement will not impede it in following a similar dividend practice in the future.

During the two most recent fiscal years and for the first quarter of fiscal 2017, the Company declared the following dividends per share on its Class A and Class B Common Stock for the years ended July 31:

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(e) Common Stock Price Performance Graph

The graph below shows a comparison of the cumulative return over the last five fiscal years had \$100 been invested at the close of business on July 31, 2011, in each of Brady Corporation Class A Common Stock, the Standard & Poor's (S&P) 500 Index, the Standard and Poor's SmallCap 600 Index, and the Russell 2000 Index.

Comparison of 5 Year Cumulative Total Return* Among Brady Corporation, the S&P 500 Index, the S&P SmallCap 600 Index, and the Russell 2000 Index

*\$100 invested on July 31, 2011 in stock or index—including reinvestment of dividends. Fiscal years ended July 31:

	2011	2012	2013	2014	2015	2016
Brady Corporation	\$100.00	\$91.91	\$118.05	\$95.31	\$88.53	\$125.18
S&P 500 Index	100.00	109.13	136.41	159.52	177.4	187.12
S&P SmallCap 600 Index	100.00	103.99	140.15	155.62	174.25	184.46
Russell 2000 Index	100.00	100.19	135.02	146.57	164.21	164.10

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Item 6. Selected Financial Data

CONSOLIDATED STATEMENTS OF INCOME AND SELECTED FINANCIAL DATA Years Ended July 31, 2012 through 2016

2012 2016 2015 2014 2013 (In thousands, except per share amounts) Operating data (1) Net sales \$1,120,625 \$1,171,731 \$1,225,034 \$1,157,792 \$1,071,504 Gross margin 590,969 558,773 558,432 609,564 609,348 Operating expenses: Research and development 35,799 35,048 33,552 36,734 34,528 Selling, general and administrative 422,704 452,164 427,858 392,694 405,096 Restructuring charges (2) 15,012 26,046 16,821 6,084 Impairment charges (3) 46,867 148,551 204,448 Total operating expenses 440,895 523,126 650,775 691,904 433,306 Operating income (loss) 117,878 35,306 (41,211)) (82,556) 157,663 Other income (expense): Investment and other (expense) income —net (709) 845 2,402 3,523 2,082 Interest expense) (16,641) (19,090 (7,824)) (11,156) (14,300 Net other expense (8,533) (10,311) (11,898) (13,118) (17,008) Earnings (loss) from continuing operations before 109,345 24,995 (53,109)) (95,674) 140,655 income taxes Income taxes (4) 29,235 20,093 (4,963) 42,583 37,162 \$80,110 \$4,902 Earnings (loss) from continuing operations \$(48,146) \$(138,257) \$103,493 (Loss) earnings from discontinued operations, net) 2,178 (1,915)(16,278)) (121,404 of income taxes (5) Net earnings (loss) \$80,110 \$2,987 \$(45,968) \$(154,535) \$(17,911) Earnings (loss) from continuing operations per Common Share— (Diluted): \$0.10 Class A nonvoting \$1.58 \$(0.93) \$(2.70) \$1.95 Class B voting \$1.56 \$0.08 \$(0.95) \$(2.71) \$1.94 (Loss) earnings from discontinued operations per Common Share - (Diluted): Class A nonvoting \$---\$(0.04) \$(2.29)) \$0.04 \$(0.32) Class B voting \$---\$(0.04) \$(2.30))) \$0.05 \$(0.32 Cash Dividends on: Class A common stock \$0.81 \$0.80 \$0.78 \$0.76 \$0.74 Class B common stock \$0.79 \$0.78 \$0.76 \$0.74 \$0.72 Balance Sheet at July 31: Total assets 1,043,964 1,062,897 1,438,683 1,438,683 1,607,719 Long-term obligations, less current maturities 211,982 200,774 201,150 254,944 201,150 Stockholders' investment 587,688 830,797 603,598 830,797 1,009,353 Cash Flow Data: Net cash provided by operating activities \$93,420 \$138,976 \$93,348 \$143,503 \$144,705 Net cash (used in) provided by investing activities (15,416) 10,207) (64,604) (14,365 (325,766 Net cash used in financing activities (99,576) (32,152) (115,387) (33,060) (147,824) Depreciation and amortization 39,458 44,598 48,725 43,987 32,432 Capital expenditures) (35,687 (17,140)) (26,673) (43,398) (24,147

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Operating data has been impacted by the reclassification of the Die-Cut businesses into discontinued operations in fiscal years 2012, 2013, 2014, and 2015. The Company has elected to not separately disclose the cash flows related

- (1) to discontinued operations. Refer to Note 13 within Item 8 for further information on discontinued operations. The operating data is also impacted by acquisitions with one and three acquisitions being completed in fiscal years ended July 31, 2013 and 2012, respectively. There were no acquisitions in fiscal years 2016, 2015, or 2014. In fiscal 2012, the Company underwent several measures to address its cost structure, including a reduction in its workforce and decreased discretionary spending. During fiscal 2013, the Company executed a business simplification project which included various measures to address its cost structure and resulted in restructuring
- (2) charges during fiscal 2013 and into fiscal 2014. In addition, in fiscal 2014, the Company approved a plan to consolidate facilities in the Americas, Europe, and Asia in order to enhance customer service, improve efficiency of operations, and reduce operating expenses. This plan resulted in restructuring charges during fiscal 2014 and fiscal 2015.
 - The Company recognized impairment charges of \$46.9 million, \$148.6 million, and \$204.4 million during the fiscal years ended July 31, 2015, 2014, and 2013, respectively. The impairment charges primarily related to the
- (3) following reporting units: WPS Americas and WPS APAC in fiscal 2015; PeopleID in fiscal 2014; and WPS Americas and IDS APAC in fiscal 2013. Refer to Note 2 within Item 8 for further information regarding the impairment charges.
 - Fiscal 2015 was significantly impacted by the impairment charges of \$46.9 million, of which \$39.8 million was non-deductible for income tax purposes. Fiscal 2014 was significantly impacted by the impairment charges of \$148.6 million, of which \$61.1 million was non-deductible for income tax purposes, and a tax charge of \$4.0
- (4) million in continuing operations associated with the repatriation of the cash proceeds from the sale of the Die-Cut business. Fiscal 2013 was significantly impacted by the impairment charges of \$204.4 million, of which \$168.9 million was non-deductible for income tax purposes, as well as a tax charge of \$26.6 million associated with the funding of the Precision Dynamics Corporation ("PDC") acquisition.
 - The loss from discontinued operations in fiscal 2015 includes a \$0.4 million net loss on the sale of the Die-Cut business, recorded during the three months ended October 31, 2014. The earnings from discontinued operations in fiscal 2014 include a \$1.2 million net loss on the sale of the Die-Cut business recorded during the three months ended July 31, 2014. The Die-Cut business was sold in two phases. The first phase closed in the fourth quarter of
- (5) fiscal 2014 and the second and final phase closed in the first quarter of fiscal 2015. The loss from discontinued operations in fiscal 2013 was primarily attributable to a \$15.7 million write-down of the Die-Cut business to its estimated fair value less costs to sell. The loss from discontinued operations in fiscal 2012 was primarily attributable to the \$115.7 million goodwill impairment charge recorded during the three months ending January 31, 2012, which was related to the Die-Cut disposal group. Refer to Note 13 within Item 8 for further information regarding discontinued operations.

Item 7. Management's Discussion and Analysis of Financial Condition and Results of Operations Overview

We are a global manufacturer and supplier of identification solutions and workplace safety products that identify and protect premises, products and people. The IDS segment is primarily involved in the design, manufacture, and distribution of high-performance and innovative identification and healthcare products. The WPS segment provides workplace safety and compliance products, half of which are internally manufactured and half are externally sourced. Approximately 45% of our total sales are derived outside of the United States. Foreign sales within the IDS and WPS segments are approximately 35% and 65%, respectively.

The ability to provide customers with a broad range of proprietary, customized and diverse products for use in various applications across multiple customers and geographies, along with a commitment to quality and service, have made Brady a leader in many of its markets. The long-term sales growth and profitability of our segments will depend not only on improved demand in end markets and the overall economic environment, but also on our ability to continuously improve operational excellence, focus on the customer, develop and market innovative new products, and to advance our digital capabilities. In our IDS business, our strategy for growth includes an increased focus on key

customers, industries and products and improving the efficiency and effectiveness of the research and development ("R&D") function. In our WPS business, our strategy for growth includes a focus on workplace safety critical industries, innovative new product offerings, and increased investment in digital capabilities.

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Results of Operations

A comparison of results of operating income (loss) from continuing operations for the fiscal years ended July 31, 2016, 2015, and 2014 is as follows:

(Dollars in thousands)	2016	% Sales	2015	% Sales	2014	% Sales
Net sales	\$1,120,625		\$1,171,731		\$1,225,034	
Gross margin	558,773	49.9%	558,432	47.7%	609,564	49.8 %
Operating expenses:						
Research and development	35,799	3.2 %	36,734	3.1 %	35,048	2.9 %
Selling, general & administrative	405,096	36.1%	422,704	36.1%	452,164	36.9 %
Restructuring charges		_ %	16,821	1.4 %	15,012	1.2 %
Impairment charges		_ %	46,867	4.0 %	148,551	12.1 %
Total operating expenses	440,895	39.3%	523,126	44.6%	650,775	53.1 %
Operating income (loss)	\$117,878	10.5%	\$35,306	3.0 %	\$(41,211	(3.4)%

In fiscal 2016, sales decreased 4.4% to \$1,120.6 million, compared to \$1,171.7 million in fiscal 2015, which consisted of an organic sales decline of 0.7% and a negative currency impact of 3.7% due to the strengthening of the U.S. dollar against certain other major currencies during the year. The decline in organic sales was primarily a result of reduced demand in the Americas and APAC regions. Organic sales declined in both the IDS and WPS segments in fiscal 2016 compared to fiscal 2015. The IDS segment experienced sales declines in the Wire ID and Safety and Facility ID product lines, which were partially offset by sales growth in the Product ID and Healthcare ID product lines. Traditional catalog sales in the WPS segment declined, but were partially offset by sales growth in digital sales.

During fiscal 2015, net sales decreased 4.4% from fiscal 2014, which consisted of organic growth of 1.0% and a negative currency impact of 5.4% due to the strengthening of the U.S. dollar against certain other major currencies during the year. Organic sales within the IDS segment were up, while organic sales within the WPS segment declined.

References in this Form 10-K to "organic sales" refer to sales from continuing operations calculated in accordance with U.S. GAAP, excluding the impact of foreign currency translation. The company's organic sales disclosures exclude the effects of foreign currency translation as foreign currency translation is subject to volatility that can obscure underlying business trends. Management believes that the non-GAAP financial measure of organic sales is meaningful to investors as it provides them with useful information to aid in identifying underlying sales trends in our businesses and facilitating comparisons of our sales performance with prior periods.

Gross margin increased 0.1% to \$558.8 million in fiscal 2016 as compared to \$558.4 million in fiscal 2015. As a percentage of sales, gross margin increased to 49.9% in fiscal 2016 from 47.7% in fiscal 2015. In the prior fiscal year we incurred on-going costs related to facility consolidation activities primarily in our Americas region which reduced our gross margin percentage to well below historical levels. These facility consolidation activities were completed during fiscal 2015, therefore the increase in gross margin percentage in 2016 was primarily due to our on-going efforts to enhance operational efficiencies in the newly consolidated facilities and return gross margin percentage to historic averages.

Gross margin decreased 8.4% to \$558.4 million in fiscal 2015 as compared to \$609.6 million in fiscal 2014. As a percentage of sales, gross margin decreased to 47.7% in fiscal 2015 from 49.8% in fiscal 2014. The decline in gross margin was due to increased costs related to facility consolidation activities in the Americas due to duplicate labor and facilities expenses as well as operating inefficiencies following the facility moves, such as additional freight costs and excess inventory and scrap charges.

Research and development expenses decreased to \$35.8 million in fiscal 2016 from \$36.7 million in fiscal 2015. The decrease in R&D spending in fiscal 2016 compared to the prior year was primarily due to efficiency gains within the R&D function and the strengthening of the U.S. dollar, which were partially offset by an increase in our investment in new products within the IDS segment to drive top line growth.

Research and development expenses increased to \$36.7 million in fiscal 2015 from \$35.0 million in fiscal 2014. The increase in R&D spending was a result of our innovation development initiative to realign the R&D processes in order to accelerate new

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product innovation, increased investments in emerging technologies such as RFID and sensing technologies, and increased investments in other new products.

Selling, general and administrative ("SG&A") expenses include selling costs directly attributed to the IDS and WPS segments, as well as administrative expenses including finance, information technology, human resources and legal. SG&A expenses decreased 4.2% to \$405.1 million in fiscal 2016 compared to \$422.7 million in fiscal 2015. The decrease in SG&A expense from the prior year is primarily due to the strengthening of the U.S. dollar, reduced amortization expense of \$3.0 million and our continued efforts to control general and administrative costs, which were partially offset by an increase to incentive-based compensation.

SG&A expense decreased to \$422.7 million in fiscal 2015 compared to \$452.2 million in fiscal 2014. The decline was primarily due to the strengthening of the U.S. dollar, and to a lesser extent, reduced amortization expense of \$5.8 million, an amendment to our U.S.-based post-retirement medical benefit plan that resulted in a \$4.3 million curtailment gain, and our focused efforts to reduce expenses. This decline was partially offset by continued investments in sales personnel within the IDS segment and increased spending in the WPS segment for both on-line and traditional print advertising.

In fiscal 2014, the Company announced a restructuring plan to consolidate facilities in the Americas, Europe and Asia. The Company implemented this restructuring plan to enhance customer service, improve efficiency of our operations and reduce operating expenses. Restructuring activities related to facility consolidation activities extended into fiscal 2015 and were complete at the end of the fiscal year.

In connection with this plan, the Company incurred restructuring charges of \$16.8 million in fiscal 2015. These charges consisted of \$5.4 million of employee separation costs, \$5.2 million of facility closure related costs, \$2.0 million of contract termination costs, and \$4.2 million of non-cash asset write-offs. The charges for employee separation costs consisted of severance pay, outplacement services, medical and other benefits. Non-cash asset write-offs consisted mainly of fixed assets written off in conjunction with facility consolidations. Of the \$16.8 million recognized in fiscal 2015, \$12.1 million was incurred within the IDS segment and \$4.7 million was incurred within the WPS segment.

Restructuring charges were \$15.0 million in fiscal 2014 and consisted of \$9.3 million of employee separation costs, \$4.4 million of facility closure related costs, \$1.0 million of contract termination costs, and \$0.3 million of non-cash asset write-offs associated with the restructuring plan announced in February 2013 to reorganize into global product-based business platforms and reduce our global cost structure. Of the \$15.0 million recognized in fiscal 2014, \$9.0 million was incurred within the IDS segment and \$6.0 million was incurred within the WPS segment. The Company performed its annual goodwill impairment assessment on May 1, 2016, and subsequently concluded that the fair value of the goodwill was substantially in excess of its carrying value at 20% or greater for all of the reporting units. No impairment charges were recorded in fiscal 2016. In conjunction with the goodwill impairment analysis, management also concluded that no other long-lived assets were impaired.

The Company's annual goodwill impairment assessment performed in fiscal 2015 indicated the WPS Americas and WPS APAC reporting units were impaired. In conjunction with the goodwill impairment analysis, management concluded that other long-lived assets were impaired. Impairment charges were \$46.9 million in fiscal 2015, which consisted of \$37.1 million in goodwill charges associated with the WPS Americas and WPS APAC reporting units and \$9.8 million related to the impairment of certain other long-lived assets.

The Company's annual goodwill impairment assessment performed in fiscal 2014 indicated that the PeopleID reporting unit was impaired. In conjunction with the goodwill impairment analysis, management concluded that other long-lived assets were impaired. Impairment charges were \$148.6 million in fiscal 2014, which consisted of \$100.4 million in goodwill and \$48.2 million in intangible assets primarily associated with the PeopleID reporting unit.

The Company generated operating income of \$117.9 million in fiscal 2016. Operating income from continuing operations was \$35.3 million in fiscal 2015; excluding impairment charges of \$46.9 million and restructuring charges

of \$16.8 million, the Company generated operating income from continuing operations of \$99.0 million in 2015. The increase of \$18.9 million in operating income was due to the improvement in gross profit margin primarily in the IDS segment as well as reduced SG&A primarily in the WPS segment. The increase was partially offset by the negative impact of currency fluctuations.

Operating income from continuing operations was \$35.3 million for fiscal 2015; excluding impairment charges of \$46.9 million and restructuring charges of \$16.8 million, the Company generated operating income from continuing operations of \$99.0 million. The Company incurred an operating loss from continuing operations of \$41.2 million in fiscal 2014; excluding impairment charges of \$148.6 million and restructuring charges of \$15.0 million, the Company generated operating income from continuing operations of \$122.4 million. The decrease of \$23.4 million was primarily due to the segment profit declines in both the IDS and WPS segments,

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facility consolidation costs incurred in both segments, and the negative impact of currency fluctuations during fiscal 2015 as compared to the prior year.

OPERATING INCOME (LOSS) TO NET EARNINGS (LOSS)

(Dollars in thousands)	2016	% Sales	2015	% Sales	2014	% Sales
Operating income (loss)	\$117,878	10.5 %	\$35,306	3.0 %	\$(41,211)	(3.4)%
Other (expense) and income:						
Investment and other (expense) income	(709)	(0.1)%	845	0.1 %	2,402	0.2 %
Interest expense	(7,824)	(0.7)%	(11,156)	(1.0)%	(14,300)	(1.2)%
Earnings (loss) from continuing operations before tax	109,345	9.8 %	24,995	2.1 %	(53,109)	(4.3)%
Income taxes	29,235	2.6 %	20,093	1.7 %	(4,963)	(0.4)%
Earnings (loss) from continuing operations	80,110	7.1 %	4,902	0.4 %	(48,146)	(3.9)%
(Loss) earnings from discontinued operations, net of income taxes	_	%	(1,915)	(0.2)%	2,178	0.2 %
Net earnings (loss)	\$80,110	7.1 %	\$2,987	0.3 %	\$(45,968)	(3.8)%

Investment and Other Income

Investment and other expense was \$0.7 million in fiscal 2016 compared to income of \$0.8 million in fiscal 2015 and income of \$2.4 million in fiscal 2014. The decline since 2014 was primarily due to foreign currency losses, and a decline in market value of securities held in executive deferred compensation plans.

Interest Expense

Interest expense decreased to \$7.8 million in fiscal 2016 compared to \$11.2 million in fiscal 2015 and \$14.3 million in fiscal 2014. The decline since 2014 was due to the Company's declining principal balance under its outstanding debt agreements and a reduction in the weighted average interest rate.

Income Taxes

The Company's effective income tax rate was 26.7% in fiscal 2016. The effective income tax rate was reduced from the statutory tax rate of 35.0% due to certain adjustments to tax accruals and reserves, utilization of foreign tax credit carryforwards, research and development tax credits and the section 199 manufacturer's deduction.

The Company's effective income tax rate was 80.4% in fiscal 2015. The effective income tax rate was significantly impacted by impairment charges of \$46.9 million recognized during the period, as \$39.8 million of these charges were nondeductible for income tax purposes. The effective income tax rate was further impacted by \$5.0 million of foreign tax credit carryforwards from the fiscal 2014 income tax return and increases in uncertain tax positions recognized in fiscal 2015.

The Company's effective income tax rate was 9.3% in fiscal 2014. The effective income tax rate was significantly impacted by impairment charges of \$148.6 million recognized during the period, as \$61.1 million of these charges were non-deductible for income tax purposes. The effective tax rate was further impacted by increases in uncertain tax positions recognized in fiscal 2014.

Earnings (Loss) from Discontinued Operations

Discontinued operations include the Asia Die-Cut and European Die-cut businesses ("Die-Cut"), of which a portion was divested in the fourth quarter of fiscal 2014 and the remainder was divested in the first quarter of fiscal 2015. The loss from discontinued operations net of income taxes was \$1.9 million in fiscal 2015, compared to earnings from discontinued operations net of income taxes of \$2.2 million in fiscal 2014. The loss in fiscal 2015 consisted of a loss

on operations of \$1.5 million primarily related to professional fees associated with the divestiture and a \$0.4 million loss on the sale of Die-Cut, recorded during the three months ended October 31, 2014. In fiscal 2014, the Die-Cut business had net earnings from operations of \$3.4 million, offset by a net loss on the sale of Die-Cut of \$1.2 million.

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There was no depreciation or amortization expense recognized within discontinued operations for fiscal 2015 or fiscal 2014 as the Die-Cut business was reported as held for sale beginning in the third quarter of fiscal 2013, at which point the fixed assets and intangible assets of these businesses were no longer depreciated or amortized in accordance with applicable U.S. GAAP.

Business Segment Operating Results

The Company is organized and managed on a global basis within two reportable segments: ID Solutions and Workplace Safety. The segment results have been adjusted to reflect continuing operations in all periods presented. The sales and profit of discontinued operations are excluded from the following information.

Following is a summary of segment information for the fiscal years ended July 31, 2016, 2015, and 2014:

	Years ended July 31,					
(Dollars in thousands)	2016		2015		2014	
SALES TO EXTERNAL CUSTOMERS						
ID Solutions	\$776,877		\$806,484		\$825,123	
WPS	343,748		365,247		399,911	
Total	\$1,120,62	5	\$1,171,731		\$1,225,034	
SALES GROWTH INFORMATION						
ID Solutions						
Organic	(0.7)%	1.7	%	2.9	%
Currency	(3.0)%	(4.0)%	(0.2)%
Acquisitions	<u></u> %		%		8.9	%
Total	(3.7)%	(2.3)%	11.6	%
Workplace Safety						
Organic	(0.8))%	(0.4)%	(4.6)%
Currency	(5.1)%	(8.3))%	0.1	%
Total	(5.9)%	(8.7)%	(4.5)%
Total Company						
Organic	(0.7)%	1.0	%	0.2	%
Currency	(3.7)%	(5.4)%	(0.1)%
Acquisitions	<u></u> %		—%		5.7	%
Total	(4.4)%	(4.4)%	5.8	%
SEGMENT PROFIT						
ID Solutions	\$169,776		\$149,840		\$176,129	
Workplace Safety	59,847		56,502		66,238	
Total	\$229,623		\$206,342		\$242,367	
SEGMENT PROFIT AS A PERCENT OF SALES						
ID Solutions	21.9	%	18.6	%	21.3	%
Workplace Safety	17.4	%	15.5	%	16.6	%
Total	20.5	%	17.6	%	19.8	%
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NET EARNINGS (LOSS) RECONCILIATION

Years ended:				
July 31,	July 31,	July 31,		
2016	2015	2014		
\$229,623	\$206,342	\$242,367		
111,745	107,348	120,015		
	16,821	15,012		
	46,867	148,551		
709	(845)	(2,402)		
7,824	11,156	14,300		
\$109,345	\$24,995	\$(53,109)		
	July 31, 2016 \$229,623 111,745 — 709 7,824	July 31, July 31, 2016 2015 \$229,623 \$206,342 111,745 107,348 — 16,821 — 46,867 709 (845)		

ID Solutions

Fiscal 2016 vs. 2015

Approximately 70% of net sales in the ID Solutions segment were generated in the Americas region, 20% in EMEA, and 10% in APAC. IDS sales decreased 3.7% to \$776.9 million in fiscal 2016, compared to \$806.5 million in fiscal 2015. Organic sales decreased 0.7% and currency fluctuations decreased sales by 3.0% due to the strengthening of the U.S. dollar against certain other major currencies during the year ended July 31, 2016, as compared to the same period in the prior year.

Organic sales in the Americas declined in the low-single digits in fiscal 2016 as compared to fiscal 2015 primarily due to a slowdown in order patterns with certain of our customers in the United States and Canada which is reflective of a general slowdown in the industrial sector. In addition, we realized double-digit declines in OEM sales in Brazil due to weak economic conditions and increased competitive pressure. The Americas region experienced sales declines in the Wire ID and Safety and Facility ID product lines, which were partially offset by sales growth in the Product ID and Healthcare ID product lines.

The IDS business in EMEA realized low-single digit organic sales growth in fiscal 2016 as compared to fiscal 2015. This increase was primarily driven by our core IDS businesses in Western and Central Europe where we have increased sales despite a lack of significant economic growth. The Product ID and Safety and Facility ID product lines in EMEA realized sales growth in 2016, which was partially offset by a sales decline in the Wire ID product line.

Organic sales in APAC declined in the mid-single digits in fiscal 2016 as compared to fiscal 2015. The region had mid-single digit declines in the first three quarters of the year and effectively flat organic sales in the fourth quarter. The overall decline in organic sales was primarily due to reduced demand in the electronics industry in China as well as other regions within Asia, which we are addressing through focused additions to our sales organization within the region.

Segment profit increased to \$169.8 million in fiscal 2016 from \$149.8 million in fiscal 2015, an increase of \$20.0 million or 13.4%. As a percent of sales, segment profit increased to 21.9% in fiscal 2016, compared to 18.6% in the prior year. The increase in segment profit was primarily driven by operational efficiencies in our manufacturing processes in the Americas and Europe.

Fiscal 2015 vs. 2014

Approximately 70% of net sales in the IDS segment were generated in the Americas region, 20% in EMEA, and 10% in APAC. IDS sales decreased 2.3% to \$806.5 million in fiscal 2015, compared to \$825.1 million in fiscal 2014. Organic sales increased 1.7% and currency fluctuations decreased sales by 4.0% due to the strengthening of the U.S. dollar against other major currencies during the year ended July 31, 2015, as compared to the same period in the prior year.

Organic sales in the Americas grew in the low-single digits in fiscal 2015 as compared to fiscal 2014. This growth was primarily within the U.S. and was driven by our continued focus on expanding the core Brady-brand businesses and an increased focus on key customers, industries and new products. Our areas of highest growth in fiscal 2015 were in the global safety and facility identification product offerings, as well as in portable printer consumables and product identification. This growth was partially offset by double-digit organic sales declines in Brazil in fiscal 2015 as compared to fiscal 2014. OEM sales were down in Brazil due to weak economic conditions and increased competitive pressure. In fiscal 2015, the Company consolidated a facility in Brazil to reduce its cost structure.

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Organic sales in the EMEA region also grew in the low-single digits in fiscal 2015 as compared to fiscal 2014. This increase was primarily driven by Central Europe where we increased our salesforce. Economic growth softened slightly in Western Europe, which impacted IDS sales at the beginning of the third fiscal quarter and into the fourth quarter; however, this geography had stronger sales in the first half of the year which contributed to organic sales growth for the full fiscal year as compared to the prior year.

Organic sales in Asia grew in the high-single digits in fiscal 2015 as compared to fiscal 2014. Similar to the prior year, we experienced slower growth in the fourth quarter of fiscal 2015 as compared to the preceding three quarters.

Segment profit decreased to \$149.8 million in fiscal 2015 from \$176.1 million in fiscal 2014, a decrease of \$26.3 million or 14.9%. As a percent of sales, segment profit decreased to 18.6% in fiscal 2015, compared to 21.3% in the prior year. The decline in segment profit as a percent of sales was primarily in the IDS Americas businesses and was a result of increased costs associated with facility consolidation activities such as duplicate labor and facilities expenses, as well as increased costs from operating inefficiencies in our recently consolidated facilities in North America such as additional freight costs and excess inventory and scrap charges. In addition, although a much smaller impact, the decline was also due to our geographic product mix, as Asia was our region of greatest sales growth in fiscal 2015 and generally has the lowest segment profit margins.

Workplace Safety

Fiscal 2016 vs. 2015

Approximately 50% of net sales in the WPS segment were generated in Europe, 35% in the Americas, and 15% in Australia. WPS sales decreased 5.9% to \$343.7 million in fiscal 2016, compared to \$365.2 million in fiscal 2015, which consisted of an organic sales decline of 0.8% and a negative currency impact of 5.1%. Since half of the WPS business is in Europe, the strengthening of the U.S. dollar against the Euro and British Pound during certain periods of the fiscal year had a larger impact on the WPS segment than it did on the IDS segment.

The WPS business in Europe realized low-single digit organic sales growth in fiscal 2016 compared to the prior year. The increase was primarily driven by Germany, France, and Belgium due to improvements in website functionality and key account management. These improvements led to a double-digit increase in digital sales in Europe as compared to the prior year.

Organic sales in the Americas declined in the low-single digits in fiscal 2016 compared to the prior year. This decrease was primarily in North America due to reduced demand in the industrial end markets and a decrease in sales through traditional catalog channels, which were partially offset by slight growth in digital sales.

Organic sales in Australia declined in the mid-single digits in fiscal 2016 compared to fiscal 2015. The decrease in the Australian business was due to its higher concentration in industries that are experiencing economic challenges, which include manufacturing and mining production. We continue to focus on enhancing our expertise in these industries to drive sales growth as well as addressing our cost structure to improve profitability.

Profit for the WPS segment increased to \$59.8 million in fiscal 2016 from \$56.5 million in fiscal 2015, an increase of \$3.3 million, or 5.8%. As a percentage of sales, segment profit increased to 17.4% in fiscal 2016 compared to 15.5% in the prior year. The increase in segment profit margin was mainly driven by a reduction in selling expenses and catalog advertising.

Fiscal 2015 vs. 2014

Approximately 50% of net sales in the WPS segment were generated in EMEA, 35% in the Americas, and 15% in APAC. WPS sales decreased 8.7% to \$365.2 million in fiscal 2015, compared to \$399.9 million in fiscal 2014, which consisted of an organic sales decline of 0.4% and a negative currency impact of 8.3%. Because approximately half of the WPS business is located in Western Europe and another 15% of the WPS segment is in Australia, the

strengthening of the U.S. dollar against the Euro and the Australian Dollar had a larger impact on the WPS segment than it did on the IDS segment.

Organic sales in Europe grew in the low-single digits in fiscal 2015 compared to the prior year. The growth was driven primarily by Germany, France, and the Nordics region due to improvements in website functionality and key account management. We experienced growth in both traditional catalog sales and digital sales in Europe over the prior year.

Organic sales in the Americas declined in the low-single digits in fiscal 2015 compared to fiscal 2014. This decrease was primarily due to reduced demand in the industrial end markets and a decrease in sales through traditional catalog channels.

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Organic sales in Australia declined in the mid-single digits in fiscal 2015 compared to fiscal 2014. Our business in Australia is diversified in many industries; however, it has a higher concentration in industries that are experiencing economic challenges, including manufacturing and mining production.

Profit for the WPS segment decreased to \$56.5 million in fiscal 2015 from \$66.2 million in fiscal 2014, a decrease of \$9.7 million, or 14.7%. As a percentage of sales, segment profit decreased to 15.5% in fiscal 2015 compared to 16.6% in the prior year. The decrease in segment profit was mainly driven by the decline in sales, increased spending for both on-line and traditional print advertising due to the timing of catalog mailings, investments in digital capabilities and the increased costs associated with facility consolidation activities in the U.S., such as duplicate labor and facilities expenses.

Liquidity & Capital Resources

Cash and cash equivalents were \$141.2 million at July 31, 2016, an increase of \$26.7 million from July 31, 2015. The significant changes were as follows:

	Years ended July 31,			
(Dollars in thousands)	2016	2015	2014	
Net cash flow provided by (used in):				
Operating activities	\$138,976	\$93,348	\$93,420	
Investing activities	(15,416)	(14,365)	10,207	
Financing activities	(99,576)	(32,152)	(115,387)	
Effect of exchange rate changes on cash	2,752	(14,173)	2,536	
Net increase (decrease) in cash and cash equivalents	\$26,736	\$32,658	\$(9,224)	

Fiscal 2016 vs. 2015

Net cash provided by operating activities increased to \$139.0 million during fiscal 2016 compared to \$93.3 million in the prior year. The increase in cash provided by operating activities of \$45.7 million was primarily due to an improvement in working capital of \$14.0 million and an increase in net earnings compared to the prior fiscal year. The increase to working capital was due to reduced inventory levels that were elevated in the prior year due to the facility consolidations, reduced accounts receivable levels due to improved collections in our Americas and EMEA regions, and increased accrued incentive-based compensation.

Net cash used in investing activities was \$15.4 million during fiscal 2016, compared to \$14.4 million in the prior year. Current year capital expenditures were \$17.1 million compared to \$26.7 million in the prior year due to the completion of facility consolidation activities in fiscal 2015. Prior year capital expenditures were offset by \$6.2 million in cash received for certain assets sold as part of facility consolidation activities, and \$6.1 million in net cash received from the Die-Cut divestiture.

Net cash used in financing activities was \$99.6 million during fiscal 2016, compared to \$32.2 million during the prior year. The increase in cash used in financing activities was primarily due to improved operating performance and cash flow resulting in decreased net borrowings, which were partially offset by \$23.6 million of share repurchases in fiscal 2016.

The effect of fluctuations in exchange rates increased cash balances by \$2.8 million in fiscal 2016 primarily due to cash balances held in currencies that appreciated against the U.S. dollar during the current fiscal year. Fiscal 2015 vs. 2014

Net cash provided by operating activities decreased slightly to \$93.3 million during fiscal 2015 compared to \$93.4 million in the prior year. The prior year results included discontinued operations, which generated approximately \$2.7 million in cash from operating activities. Therefore, there was an increase in cash flow from operating activities from

continuing operations of \$2.6 million. This increase was primarily due to a change in working capital of \$36.0 million, largely offset by the decrease in segment profit of \$33.4 million. A majority of the decrease in working capital related to a decrease in prepaid catalog costs at July 31, 2015, compared to July 31, 2014, due to a reduction in catalog mailings and a change in the timing of such catalog mailings. Inventories were also built in advance of facility consolidations in fiscal 2014, whereas inventories were effectively flat in fiscal 2015.

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Net cash used in investing activities was \$14.4 million during fiscal 2015 primarily due to capital expenditures of \$26.7 million, partially offset by the \$6.1 million of net cash received from the Die-Cut divestiture during the three months ended October 31, 2014. In addition, certain assets were sold as part of the facility consolidation activities, which reduced cash used in investing activities by \$6.2 million compared to the prior year. Net cash provided by investing activities was \$10.2 million during fiscal 2014 due to the cash received from the first phase of the sale of the Die-Cut business of \$54.2 million,

offset by \$43.4 million spent on capital expenditures in fiscal 2014.

Net cash used in financing activities was \$32.2 million during fiscal 2015, compared to \$115.4 million during the prior year. The decrease in cash used in financing activities of \$83.2 million was primarily due to increased net borrowings of \$40.1 million on the revolving loan agreement and lines of credit during fiscal 2015 and a reduction in the principal payments on long-term debt of \$18.8 million compared to the prior year. In addition, there were no share repurchases in fiscal 2015 compared to cash used of \$30.6 million on share repurchases in the prior year, and proceeds from stock option exercises were lower by \$10.5 million in fiscal 2015 compared to the prior year.

The effect of fluctuations in exchange rates reduced cash balances by \$14.2 million in fiscal 2015 due to the strengthening of the U.S. dollar against other major currencies.

The Company's cash balances are generated and held in numerous locations throughout the world. At July 31, 2016, approximately 99% of the Company's cash and cash equivalents were held outside the United States. The Company's growth has historically been funded by a combination of cash provided by operating activities and debt financing. The Company believes that its cash flow from operating activities, in addition to its borrowing capacity, are sufficient to fund its anticipated requirements for working capital, capital expenditures, common stock repurchases, scheduled debt repayments, and dividend payments for the next twelve months.

In fiscal 2014, the Company completed the first phase of the sale of its Die-Cut business and completed the second and final phase on August 1, 2014. In conjunction with the sale of this business, the Company repatriated approximately \$57 million of the cash received to the United States. The cash received from the sale of Die-Cut in fiscal 2014 resulted in \$4.0 million in income tax charges recognized in continuing operations during the fiscal year ended July 31, 2014. The Company believes that its current credit arrangements are sound and that the strength of its balance sheet will allow financial flexibility to respond to both internal growth opportunities and those available through acquisition. However, future cash needs could require the Company to repatriate additional cash to the U.S. from foreign jurisdictions, which could result in material tax charges recognized in the period in which the decisions are made.

Refer to Item 8, Note 6, "Debt" for information regarding the Company's debt holdings.

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Subsequent Events Affecting Financial Condition

On September 8, 2016, the Company announced an increase in the annual dividend to shareholders of the Company's Class A Common Stock, from \$0.81 to \$0.82 per share. A quarterly dividend of \$0.2050 will be paid on October 31, 2016, to shareholders of record at the close of business on October 10, 2016. This dividend represents an increase of 1.2% and is the 31st consecutive annual increase in dividends.

Off-Balance Sheet Arrangements

The Company does not have material off-balance sheet arrangements. The Company is not aware of factors that are reasonably likely to adversely affect liquidity trends, other than the risk factors described in this and other Company filings. However, the following additional information is provided to assist those reviewing the Company's financial statements.

Operating Leases — The leases generally are entered into for investments in facilities such as manufacturing facilities, warehouses and office space, computer equipment and Company vehicles.

Purchase Commitments — The Company has purchase commitments for materials, supplies, services, and property, plant and equipment as part of the ordinary conduct of its business. In the aggregate, such commitments are not in excess of current market prices and are not materia