UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

FORM 8-K

CURRENT REPORT

Pursuant to Section 13 or 15(d) of the Securities Exchange Act of 1934

Date of Report (Date of earliest event reported): February 5, 2003

SEALED AIR CORPORATION

(Exact Name of Registrant as Specified in its Charter)

Delaware (State or Other Jurisdiction of Incorporation) 1-12139

(Commission File Number)

65-0654331 (IRS Employer Identification No.)

Park 80 East Saddle Brook, New Jersey (Address of Principal Executive Offices)

07663-5291 (Zip Code)

201-791-7600

(Registrant's telephone number, including area code)

Not Applicable

(Former Name or Former Address, If Changed Since Last Report)

Item 9. Regulation FD Disclosure.

The following are the texts of slides to be utilized by Sealed Air Corporation (the "Company") at the Lehman Brothers Industrial Select Conference on February 5, 2003. The complete slides with pictures, charts and graphs will be available for viewing on the Company's website at www.sealedair.com, for a limited time. Investors are invited to go to the Presentation & Calls button in the Investor Information section of the Company's website.

Slide 1:

Corporate Overview

Sealed Air Corporation Our Products Protect Your Products™

Slide 2:

SAFE HARBOR STATEMENT

Certain statements made by the Company in this presentation are forward-looking statements. These statements include comments as to the Company's beliefs and expectations as to future events and trends affecting the Company's business. These forward-looking statements are based upon management's current expectations concerning future events and trends and are necessarily subject to uncertainties, many of which are outside the control of the Company. The factors stated under the heading "Forward-Looking Statements" in Management's Discussion and Analysis of Results of Operations and Financial Condition, which appears in the Company's most recent Annual Report on Form 10-K or Quarterly Report on Form 10-Q, as well as other factors, could cause actual results to differ materially from such statements.

Slide 3:

Sealed Air:

A Global Leader in Performance Solutions for Food, Protective and Specialty Packaging.

Slide 4:

2002 Sales (\$MM)

Slide 5:

The Sealed Air Advantage

Powerful Brands with Global Reach — Protection, Preservation, Presentation Value-Based Selling Ingenuity, Expertise, Systems Operational Excellence Exciting Growth Initiatives

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Slide 6:

Powerful Brands for Protection, Preservation, Presentation

Bubble Wrap® Cryovac® Instapak® Jiffy®

> Air Cellular Cushioning Vacuum Shrink Packaging Display Films Foam-in-place Cushioned & Durable Mailers

Slide 7:

Global Reach

48 Countries +100 Mfg. Locations Reach 80% of World Population

Slide 8:

2002 Global Sales

58%
26%
— 7%
— 6%
— 3%

Slide 9:

The Sealed Air Advantage: Value-based Selling

> Measurable Economic Benefits A complete solution with bottom-line benefits Started with Bubble Wrap® Efficiency, Labor-savings, Damage & Spoilage Reduction, Retail Appeal, Customer Satisfaction

Slide 10:

The Sealed Air Advantage:

Ingenuity, Systems, Expertise

 Approximately 2,500 Patents Worldwide Beyond Innovation>>Ingenuity Systems Solutions Expertise

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Slide 11:

Proven History of Business Development

1960 - 2000

Bubble Wrap® Air Cellular Protective Mailers Surface Protection Foam-in-place Cushions PE Foam Absorbent Pads Padded & Durable Mailers Suspension/Retention Packaging Inflatable Void Fill Niche non-Barrier Food Packaging High Performance Food Packaging

Slide 12:

The Sealed Air Advantage: Operational Excellence

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Continuous Improvement

— WCM

— Do more with less

— Faster, Simpler Processes

Cash Flow

— Employees act like owners

EPS
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Slide 13:

Exciting Growth Initiatives . . .

Slide 14:

Case Ready Packaging

Slide 15:

Vertical Pouch Packaging

Slide 16:

Inflatable Packaging

Slide 17:

Emerging Opportunities

Cryovac® OS Films VPP > Retort & Bag-in-Box Instapak® Table Top Cryovac® NewGen Laminates Xenith™ Shrink Film 4th Quarter Results Net Sales

Slide 20:

2002 Full Year Results Net Sales

Slide 21:

4th 2002 Quarter Results Diluted EPS

Slide 22:

2002 Results Diluted EPS

Slide 23:

EBITDA

Slide 24:

4th 2002 Quarter Results Liquidity

Slide 25:

Sealed Air Corporation

364-Day Global Revolver ANZ 3-Year Revolver US Receivable Securitization Eurobonds 5-Year Global Revolver Other Bank Debt US Senior Notes

Slide 26:

Long-Term Growth Drivers: In Our Favor

> Increasing global trade Increasing global living standards Demand for convenience Safety and Hygiene Increasing protein consumption Emergence of the Supermarket Source reduction; rigid to flexible

> > 5

Slide 27:

The Sealed Air Advantage

Powerful Brands with Global Reach — Protection, Preservation, Presentation Value-Based Selling Ingenuity, Expertise, Systems Operational Excellence — Cash flow, WCM "More with less" Exciting Growth Initiatives Solid 2002 Results Long-term Trends in our Favor

SIGNATURE

Pursuant to the requirements of the Securities Exchange Act of 1934, the Registrant has duly caused this report to be signed on its behalf by the undersigned, hereunto duly authorized.

SEALED AIR CORPORATION

By: /s/ JEFFREY S. WARREN

Name: Jeffrey S. Warren Title: Controller

Dated: February 5, 2003

QuickLinks

SAFE HARBOR STATEMENT SIGNATURE