

ENGELHARD CORP  
Form DFAN14A  
May 23, 2006

UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION  
Washington, D.C. 20549

**SCHEDULE 14A**

Proxy Statement Pursuant to Section 14(a) of  
the Securities Exchange Act of 1934 (Amendment No. )

Filed by the Registrant o

Filed by a Party other than the Registrant y

Check the appropriate box:

- Preliminary Proxy Statement
- Confidential, for Use of the Commission Only (as permitted by Rule 14a-6(e)(2))**
- Definitive Proxy Statement
- Definitive Additional Materials
- Soliciting Material Pursuant to §240.14a-12

**ENGELHARD CORPORATION**

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(Name of Registrant as Specified In Its Charter)

**IRON ACQUISITION CORPORATION  
BASF AKTIENGESELLSCHAFT**

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(Name of Person(s) Filing Proxy Statement, if other than the Registrant)

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- No fee required.
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(1) Amount Previously Paid:

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The BASF Offer:

Superior value and certainty for Engelhard shareholders

**May 2006**

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BASF is currently soliciting proxies for use at Engelhard's 2006 annual meeting of stockholders, or at any adjournment or postponement thereof, to vote in favor of BASF's nominees identified in the definitive proxy statement on Schedule 14A filed with the U.S. Securities and Exchange Commission (the "SEC") on May 12, 2006, and to vote on any other matters that shall be voted upon at Engelhard's 2006 annual meeting of stockholders. All Engelhard stockholders are strongly encouraged to read the definitive proxy statement, because it contains important information. Engelhard stockholders may obtain copies of the definitive proxy statement and related materials for free at the SEC's website at [www.sec.gov](http://www.sec.gov).

The identity of people who may be considered participants in a solicitation of proxies from Engelhard stockholders for use at Engelhard's 2006 annual meeting of stockholders under SEC rules and a description of their direct and indirect interests in the solicitation, by security holdings or otherwise, are contained in the definitive proxy statement on Schedule 14A that BASF filed with the SEC on May 12, 2006.

BASF may also solicit written consents of Engelhard stockholders to (a) amend the bylaws of Engelhard to increase the number of directors on Engelhard's Board of Directors to twelve and provide that any newly created vacancies on Engelhard's Board of Directors shall be filled by Engelhard's stockholders, and (b) to appoint individuals selected by BASF to fill the vacancies created thereby (the "Proposals"). Full details of the Proposals are contained in the preliminary consent solicitation statement on Schedule 14A that BASF filed with the SEC on May 15, 2006. All Engelhard stockholders are strongly encouraged to read the preliminary consent statement and the definitive consent statement when they are available because they will contain important information. Engelhard stockholders may obtain copies of the preliminary consent statement and related materials for free at the SEC's website at [www.sec.gov](http://www.sec.gov). The identity of people who, under SEC rules, may be considered participants in a solicitation of consents for the Proposals and a description of their direct and indirect interests in the solicitation, by security holdings or otherwise, are contained in the preliminary consent statement on Schedule 14A filed with the SEC on May 15, 2006.

This presentation is provided for informational purposes only and is neither an offer to purchase nor a solicitation of an offer to sell any securities of Engelhard Corporation. Any offers to purchase or solicitation of offers to sell will be made only pursuant to the tender offer statement (including the offer to purchase, the letter of transmittal and other offer documents), which was initially filed with the SEC on January 9, 2006, and any amendments or supplements thereto. Engelhard stockholders are advised to read these documents and any other documents relating to the tender offer that are filed with the SEC carefully and in their entirety because they contain important information. Engelhard stockholders may obtain copies of these documents for free at the SEC's website at [www.sec.gov](http://www.sec.gov) or by calling Innisfree M&A Incorporated, the Information Agent for the offer, at +1 877 750 5837 (Toll Free from the U.S. and Canada) or 00800 7710 9971 (Toll Free from Europe).

This presentation contains forward-looking statements. All statements contained in this presentation that are not clearly historical in nature or that necessarily depend on future events are forward-looking, and the words "anticipate," "believe," "expect," "estimate," "plan," and similar expressions are generally intended to identify forward-looking statements. These statements are based on current expectations, estimates and projections of BASF management and currently available information. They are not guarantees of future performance, involve certain risks and uncertainties that are difficult to predict and are based upon assumptions as to future events that may not prove to be accurate.

Many factors could cause the actual results, performance or achievements of BASF to be materially different from those that may be expressed or implied by such statements. Such factors include those discussed in BASF's most recent Form 20-F filed with the SEC.



**BASF offers superior value and certainty**

\$39 in cash for 100% of Engelhard shares

Our last, best, and final offer to Engelhard shareholders

Our prior offer of \$38 was the highest bid Engelhard received in a robust sales process

No financing risk

All regulatory approvals obtained

Shareholders receive cash within days of Annual Meeting

**Engelhard offers risk and uncertainty**

Cash for only 20% of Engelhard shares

80% of shares subject to substantial downside in the stub company

Up to \$1.5 billion in new debt (more than double current leverage)



The Annual Meeting is a referendum on the certainty of BASF's all cash offer vs. the risk of Engelhard's highly leveraged recapitalization and 20% share buyback.

A vote for BASF's nominees is a vote in favor of BASF's all cash offer.

[LOGO] **Engelhard offers risk and uncertainty**

Do you believe that Engelhard can

deliver on a plan based on growth assumptions far in excess of historical performance and analysts expectations?

realize and sustain \$15 million in annual cost savings in excess of those assumed in current business plan?

operate the required business model in a highly leveraged environment?

secure long-term financing at Engelhard's assumed terms and interest rates?

achieve an unprecedented premium valuation notwithstanding substantially increased leverage and a less favorable business mix than Engelhard's key competitors?

May 2006

**Extensive due diligence validated  
BASF's \$39 per share offer**

<b>BASF Due Diligence Process</b>	<b>Date</b>
Four week review of electronic data room	March/April 2006
Full-day management presentation	March 29, 2006
Numerous expert break-out sessions and conference calls with Engelhard management	March/April 2006
Extensive, written Q&A process	March/April 2006

**Valuation underpinned by BASF's due diligence and extensive industry experience and knowledge**

**Unrealistic assumptions underpin Engelhard's strategic plan****CAGR of Key Financial Metrics**

	<b>Actual Results 2000-05(1)</b>	<b>Analyst Estimates 2005-08E(3)</b>	<b>Engelhard Management 2005-10E(4)</b>
<b>Revenue</b>	(4)%	2%	8%
<b>Operating Earnings:</b>			
Environmental Technologies	1%	10%	12%
Process Technologies	3%	6%	15%
Appearance & Performance Technologies	(4)%	11%	22%
Materials Services	(26)%	(6)%	(12)% <sup>(5)</sup>
Venture / Other	NM	0%	48%
<b>Total</b>	<b>(5)%</b>	<b>7%</b>	<b>16%</b>
EPS Growth	9% <sup>(2)</sup>	11%	16% <sup>(6)</sup>

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1. Based on Engelhard's Annual Reports on Form 10-K; excludes corporate and unallocated expenses.
  2. Based on diluted EPS as reported in Engelhard's Annual Reports on Form 10-K for the years ended 12/31/04 and 12/31/05.
  3. Based on equity research with disclosed segment breakdowns since 12/1/05: JP Morgan 2/7/06, Deutsche Bank 2/3/06, Buckingham Research Group 1/4/06, and Citigroup 12/1/05.
  4. Per Engelhard's strategic plan as disclosed in its Forms 8-K filed with the SEC on 1/24/06 and 4/26/06.
  5. Inferred from Engelhard's estimates disclosed in its Form 8-K filed with the SEC on 4/26/06.
  6. Post-recapitalization EPS growth, based on 2010 disclosed EPS from Engelhard's Schedule TO filed with the SEC on 5/5/06.

**Unrealistic assumptions lead to an exaggerated EPS forecast**

[CHART]

Source: Diluted EPS for years through 2005 from Engelhard's Annual Report on Form 10-K and thereafter from Engelhard's recapitalization plan filed with the SEC on 4/26/06, and on IBES consensus EPS estimates for Engelhard's 2006 EPS.

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1. Based on 2010 projected EPS disclosed in Engelhard's Schedule TO filed with the SEC on 5/5/06.

**Engelhard's pro forma EPS calculation relies on an understated number of diluted shares**

[CHART]

Note: Wall Street consensus EPS estimates at 4/21/06 reflected a lower absolute number of Engelhard fully diluted shares (122 million) compared to Engelhard's disclosure in its Form 8-K filed with the SEC on 4/26/06 (125.7 million fully diluted shares, EPS impact of  $-\$0.07$ ) and in its Schedule TO filed with the SEC on 5/5/06 (129.2 million fully diluted shares, additional EPS impact of  $-\$0.07$ ). For purposes of comparison we have used 125.7 million fully diluted shares throughout the remainder of the presentation.

**Engelhard's EPS is highly sensitive to changes in underlying assumptions**

<b>Value Driver</b>	<b>Sensitivity</b>	<b>EPS Impact Pre-Recap(1)</b>	<b>EPS Impact Post-Recap(1)</b>
EBIT margin development	1 percentage point decrease	\$ -0.33	\$ -0.41
Realization of cost savings	\$15 million not achieved	\$ -0.09	\$ -0.11
Natural gas prices	\$1/MMBTU increase	\$ -0.07	\$ -0.08
Borrowing cost of incremental LT financing	50 bps increase	\$ -0.04	\$ -0.05
Effective tax rate	1 percentage point increase	\$ -0.03	\$ -0.04

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1. Pre-Recapitalization and share repurchase EPS based on 125.7 million diluted shares average for 1Q06, per Engelhard's Form 8-K filed with the SEC on 4/26/06. Post-Recapitalization and share repurchase EPS based on 99.7 million shares (125.7 million less 26 million shares repurchased).

**Post recapitalization share price highly sensitive to EPS deviations**

A \$0.10 reduction in pro forma EPS results in a lower blended value of at least \$1 per Engelhard share

2007E P/E Ratio	Blended Pro Forma Value(2)						
	\$1.90	\$2.00	\$2.10	2007E EPS \$2.20	\$2.30	\$2.41	\$2.48
12.3x(1)	27.84	28.82	29.79	30.77	31.75	32.82	33.50
13.2x	29.20	30.25	31.29	32.34	33.39	34.54	35.27
14.2x	30.71	31.83	32.96	34.09	35.21	36.45	37.24
15.2x	32.21	33.42	34.63	35.83	37.04	38.36	39.21
16.2x	33.72	35.01	36.29	37.58	38.86	40.27	41.17
17.2x(1)	35.23	36.59	37.96	39.32	40.69	42.19	43.14

Note: Light blue shading indicates blended values below \$39 per Engelhard share.

1. Low end of the range represents Engelhard's 2007E P/E Multiple pre-announcement of BASF's offer. High end of the range represents Johnson Matthey's 2007E P/E Multiple based on closing share prices on 4/21/06 and consensus EPS estimates from IBES. The 2007E P/E multiple for Johnson Matthey was 15.3x as of 5/19/06.

2. Example calculation: For simplicity, assumes 125.7 million diluted Engelhard shares (26 million or 20.7% of which are repurchased in Engelhard's \$45 partial share buyback) -  $(20.7\% \times \$45) + ((\$2.41 \text{ (EPS)} \times 12.3 \text{ (P/E Multiple)} \times (1 - 20.7\%)) = \$32.82$  blended value per share at 12.3x.



**EPS accretion only achievable through unsubstantiated cost savings**

Engelhard's recapitalization plan is dilutive to EPS if the recently forecasted incremental annual cost savings of \$15 million do not materialize

The forecasted incremental annual cost savings appear convenient under the circumstances

Impact of cost savings on underlying business is unclear (e.g. reduction in technical services? sales force?)

	<b>Cost Savings \$M</b>	<b>Tax Rate</b>	<b>Earnings Effect \$M</b>	<b>EPS Effect Pre-Recap(1)</b>	<b>EPS Effect Post-Recap(1)</b>
Cost Savings Assumption	\$ 15.0	25.0%	\$ 11.3	\$ 0.09	\$ 0.11

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1. Assumes pre-recapitalization diluted shares of 125.7 million, and post-recapitalization diluted shares of 99.7 million shares.

**Shift to highly leveraged environment leaves no margin for error**

Post recapitalization, Engelhard's leverage would be nearly twice that of key competitors in the precious metal based catalyst business

Engelhard shifts from low risk (A3/A- rated) to a high risk leveraged environment (low BBB category)

Total indebtedness of \$1.9 billion and pro forma stockholder's equity of approximately \$469 million

	Total Debt to Total Capitalization(1)	Total Debt to EBITDA(1)
<b>Engelhard (pre-recap)(2)</b>	<b>30.5%</b>	<b>1.5x</b>
<b>Engelhard (post-recap)(2)</b>	<b>63.4%</b>	<b>3.1x</b>
Johnson Matthey	32.7%	1.7x
Umicore	39.0%	1.7x
<b>Peer Average</b>	<b>35.9%</b>	<b>1.7x</b>

- 
1. Engelhard's figures as of 3/31/06, Umicore's figures as of 12/31/05, Johnson Matthey's figures as of 9/30/05.
  2. As of 12/31/05, Engelhard's total debt to total capitalization was 28.7% and 65.1% pre-recap and post-recap, respectively; and total debt to EBITDA was 1.3x and 3.0x pre-recap and post-recap, respectively.

**Shift to highly leveraged environment leaves no margin for error**

Unclear that Engelhard will be able to secure permanent financing at Engelhard's assumed interest rates

In a rising interest rate environment

Hybrid securities potentially rated below investment grade

Bridge financing of up to \$1.5 billion will require re-negotiation of existing \$800 million credit facility

	Increased Interest \$M	Tax Rate	Earnings Effect \$M	EPS Effect Pre-Recap(1)	EPS Effect Post-Recap(1)
Impact of every 50bps increase in weighted average interest cost of \$1.2 billion in new debt	\$ 6.0	25.0%	\$ 4.5	\$ 0.04	\$ 0.05

1. Assumes pre-recapitalization diluted shares of 125.7 million, and post-recapitalization diluted shares of 99.7 million shares.

**Shift to highly leveraged environment leaves no margin for error**

A drop below investment grade would have a serious operational impact on Engelhard

Impairs ability to procure metals for clients (an important service rendered by its chief competitors) via its Materials Services business unit

Greater counterparty risk

Increased financing costs

Potential collateral posting requirements

Substantially increases the cost of any additional financing or refinancing of the existing credit facility

Increase in financing expenses and the requirement to comply with credit covenants may impair Engelhard's ability to make necessary capital and R&D investments

**Highly unlikely that Engelhard will trade at multiples comparable to its peers**

Engelhard's share price has trailed its peers and relevant indices over an extended period of time

Engelhard's mix of businesses has less attractive long term prospects relative to relevant peers

Engelhard's multiples should be adjusted downwards to reflect the incremental risk resulting from the significantly higher leverage compared to its peers

Engelhard had unsustainable earnings growth in 4Q05 & 1Q06 driven by external short term impacts (natural gas, precious metals pricing, etc.)

Engelhard's net operating cash flow has declined year over year since 2003, cumulating in a negative cash flow for 1Q06, even after excluding the \$111 million contribution to the supplemental retirement trust

**Engelhard shares have trailed those of its key competitors and relevant indices**

[CHART]

Source: Factset for share prices (1/2/1996 - 12/30/2005), Bloomberg for total returns.

**Engelhard's business mix does not support a higher rating**

A substantial portion of Engelhard's earnings (20% of EBIT in 2005) are from lower margin and more volatile Appearance and Performance Technologies

<b>Johnson Matthey(1)(2)</b>	<b>Engelhard(1)</b>
[CHART]	[CHART]
<b>2005A EBIT: \$400 million</b>	<b>2005A EBIT: \$299 million</b>

- 
1. Based on FYE 2005 Annual Reports, reflects IFRS accounting and new divisional segmentation for Johnson Matthey.
  2. Reflects changes in Johnson Matthey's reportable segments, per Johnson Matthey's 2005 Annual Report.
  3. Johnson Matthey is currently restructuring its Ceramics business unit.

**BASF's \$39 offer represents full value**

**2007 Comparable Companies Analysis<sup>(1)</sup>**

**Pre-Announcement  
December 30, 2005**

[CHART]

**As of May 19, 2006<sup>(3)</sup>**

[CHART]

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1. European companies multiples exclude pensions adjustments. Including pensions adjustments, Johnson Matthey's 2007E EBITDA multiples would remain unchanged, Umicore's 2007E EBITDA multiples would be 7.8x and 8.0x as of 12/30/05 and 5/19/06, respectively.
  2. Assumes \$39 offer price for Engelhard multiples as at 5/19/06. Engelhard's multiples adjusted for currently unexercisable options. If cost savings of \$15 million are taken out of the 2007E EBITDA IBES estimate to make it comparable to the prior multiples, EC's 2007E EV/EBITDA would be 10.6x.
  3. 5/19/06 multiples include changes in underlying consensus IBES estimates.



**Superior value and certainty**

BASF's \$39 cash offer for 100% of the shares gives Engelhard shareholders superior value and certainty today

This is our last, best and final offer for Engelhard

Engelhard's recapitalization plan is risky and its value is uncertain

BASF has nominated five candidates for election to Engelhard's Board of Directors to help facilitate BASF's tender offer

If BASF's nominees are not elected, BASF will allow its offer to expire

Maximize the value of your shares  
by voting for BASF's nominees  
and tendering your shares into  
BASF's \$39 offer

## **Appendix**

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**Risk factors per Engelhard's Schedule TO filed with the SEC on 5/5/06**

**Internal risks and uncertainties:**

1. The Company's ability to achieve and execute internal business plans
2. The success of research and development activities and the speed with which regulatory authorizations and product launches may be achieved
3. Manufacturing difficulties, property loss, or casualty loss
4. Capacity constraints
5. Product quality deficiencies
6. The impact of physical inventory losses, particularly with regard to precious and base metals
7. Litigation and legal claims
8. Contingencies related to actual or alleged environmental contamination to which the Company may be a party
9. Exposure to product liability lawsuits
10. Future divestitures and restructurings

**External risks, uncertainties and changes in market conditions:**

1. Competitive pricing or product development activities affecting demand for our products
2. Overall demand for the Company's products, which is dependent on the demand for our customers' products
3. Changes in the solvency and liquidity of our customers
4. Fluctuations in the supply and prices of precious and base metals and fluctuations in the relationships between forward prices to spot prices
5. The availability and price of rare earth compounds
6. The availability of substrates
7. The availability and price of other raw materials
8. A decrease in the availability or an increase in the cost of energy, notably natural gas

**Risk factors per Engelhard's Schedule TO filed with the SEC on 5/5/06 (cont'd)**

**External risks, uncertainties and changes in market conditions: (cont'd)**

9. The impact of increased employee benefit costs and/or the resultant impact on employee relations and human resources
10. Higher interest rates
11. Changes in foreign currency exchange rates
12. Geographic expansions may not develop as anticipated
13. Economic downturns and inflation
14. Increased levels of worldwide political instability, as the Company operates primarily in the United States, the European community, Asia, the Russian Federation, South Africa and Brazil
15. Government legislation and/or regulation particularly on environmental and taxation matters
16. A slowdown in the expected rate of environmental regulations
17. The impact of natural disasters
18. Uncertainty regarding the outcome of the BASF offer may affect the Company's stock price and future business

**Risks and uncertainties associated with the Offer and the Company's related recapitalization plan:**

1. Increased indebtedness and a greater ratio of indebtedness to stockholders' equity
2. Changes in the Company's credit ratings
3. Conditions to the Offer
4. Ability to refinance the bridge facility

**Increased debt and higher interest expense**

Engelhard's calculations<sup>(1)</sup> based on December 2005 figures, not on March 2006 higher debt numbers

(\$ in millions) Debt	Actual 31-Dec-2005			Estimated 31-Mar-2006			Post Bridge Loan			Pro Forma Recapitalization	
	Rate	Amount	Delta	Rate	Amount	Delta	Rate	Bridge	Delta	Rate	Pro Forma
Short-term Borrowings	3.50% <sup>(2)</sup>	\$ 48.8	\$ 119.1	4.77% <sup>(3)</sup>	\$ 167.9		4.77% <sup>(3)</sup>	\$ 167.9		4.77% <sup>(3)</sup>	\$ 167.9
Bridge Loan					0.0	1,200.0	L+52.5bps	1,200.0	(1,200.0)		0.0
<b>Total Short Term Debt</b>		<b>\$ 48.8</b>			<b>\$ 167.9</b>			<b>\$ 1,367.9</b>			<b>\$ 167.9</b>
Existing Long Term Debt	4.86%	\$ 551.4		4.86%	\$ 539.0		4.86%	\$ 539.0		4.86%	\$ 539.0
Callable Floating Senior Notes									200.0	L+80bps	200.0
10 Year Senior Notes									200.0	6.41%	200.0
5-Year ICON									400.0	7.61%	400.0
10-Year ICON									400.0	7.97%	400.0
<b>Total Long Term Debt</b>		<b>\$ 551.4</b>	<b>\$ (12.4)</b>		<b>\$ 539.0</b>	<b>\$ 0.0</b>		<b>\$ 539.0</b>	<b>\$ 1,200.0</b>		<b>\$ 1,739.0</b>
<b>Total Debt/ W.A. Interest Rate</b>	<b>4.75%</b>	<b>\$ 600.1</b>	<b>\$ 106.7</b>	<b>4.84%</b>	<b>\$ 706.9</b>	<b>\$ 1,200.0</b>	<b>5.49%</b>	<b>\$ 1,906.9</b>	<b>\$ 0.0</b>	<b>6.38%</b>	<b>\$ 1,906.9</b>
Cash		\$ 41.6	\$ 23.0		\$ 64.6	\$ 26.2		\$ 90.8	\$ 0.0		\$ 90.8
<b>Net Debt</b>		<b>\$ 558.5</b>	<b>\$ 83.8</b>		<b>\$ 642.3</b>	<b>\$ 1,173.8</b>		<b>\$ 1,816.1</b>	<b>\$ 0.0</b>		<b>\$ 1,816.1</b>
<b>Net Debt / LTM EBITDA<sup>(4)</sup></b>		<b>1.2x</b>			<b>1.3x</b>			<b>3.8x</b>			<b>2.9x</b>
<b>Total Debt / LTM EBITDA<sup>(4)</sup></b>		<b>1.3x</b>			<b>1.5x</b>			<b>4.0x</b>			<b>3.1x</b>
<b>Debt / Total Capitalization</b>		<b>28.7%</b>			<b>30.5%</b>			<b>80.3%</b>			<b>63.4%</b>
Debt Issuance Fees								\$ 1.5			\$ 23.5

1. Calculations disclosed on Engelhard's Schedule TO filed with the SEC on 5/5/06.

2. Weighted-average interest rate for 2005 according to the Company's 2005 10K. Weighted-average interest rate for 2004 and 2003 were 7.6% and 12.4%, respectively.

3. Assumes annual effective rate based on the average of the 3-month US Libor rate for the first quarter of 2006 of 4.77%.

4. EBITDA includes equity income.



**Engelhard year-on-year operating cash flow has declined**

US\$ in millions	2003	2004	2005	1Q06
Net Income	\$ 234.2	\$ 235.5	\$ 238.2	\$ 69.0
DD&A	127.7	128.7	132.4	34.7
Net Change in Assets/Liabilities	58.9	(25.5)	(95.6)	(105.4)
Other	(14.8)	(15.4)	(16.9)	(118.2)
<b>Net Operating Cash Flow</b>	<b>\$ 406.0</b>	<b>\$ 323.4</b>	<b>\$ 258.1</b>	<b>\$ (119.8)</b>
Capex	(113.6)	(123.2)	(141.6)	(32.9)
Acquisitions	(1.0)	(68.6)	(166.0)	0.0
Other	6.7	2.0	0.0	0.0
<b>Net Investing Cash Flow</b>	<b>\$ (107.9)</b>	<b>\$ (189.8)</b>	<b>\$ (307.6)</b>	<b>\$ (32.9)</b>

Source: Engelhard's Annual Report on Form 10-K for the year ended 12/31/05 and quarterly results announced on Form 8-K filed with the SEC on 4/26/06.

**Precedent transactions for new platforms support BASF's view of limited synergies**

**Synergies as a % of Target Sales**

[CHART]

**Comments**

Apr-04 No overlap, acquisition of polyolefin catalyst division  
Oct-04 Little overlap, acquisition of a division  
Jun-99 Minor overlap, portfolio diversification  
Apr-04 New platform  
Jul-05 Substantial overlap in operations (acetyls)  
Mar-05 Substantial overlap, Merger of Equals type transaction  
Feb-99 Substantial overlap in adhesives and coatings products  
Aug-99 Substantial overlap in operations (petrochemicals)  
July-98 Forward integration of existing product lines, substantial overlap in paper chemicals  
Jun-00 Substantial overlap in operations (paints)  
Sep-00 Substantial overlap in operations (fragrances/flavors)

**Note: Any synergy calculation related to Engelhard should exclude revenues from the Materials Services trading business.**

Source: Press releases, company filings. Includes only initially announced synergies.

2007E EPS impact analysis

Base Case

2007E EPS (I/B/E/S)	\$	2.49*
Diluted Shares O/S (mm)		122.2
Implied Net Income (\$M)	\$	304.3
Effective Tax Rate <sup>(1)</sup>		24%
Implied Pre-Tax Earnings (\$M)	\$	400.4

\*Starting point for Engelhard's 2007E EPS calculation.

125.7 million Diluted Shares

Implied Net Income	\$	304.3
Diluted Shares O/S (mm)		122.2
2007E EPS (I/B/E/S)	\$	2.49
Diluted Shares O/S (mm) per 8-K (1Q06)		125.7
Adjusted 2007E EPS	\$	2.42
<b>Change in EPS</b>	\$	<b>(0.07)</b>

129.2 million Diluted Shares

Implied Net Income	\$	304.3
Diluted Shares O/S (mm)		122.2
2007E EPS (I/B/E/S)	\$	2.49
Diluted Shares O/S (mm) per T.O.		129.2
Adjusted 2007E EPS	\$	2.35
<b>Change in EPS</b>	\$	<b>(0.14)</b>

1 Percentage Point<sup>(2)</sup>

Increase in Effective Tax Rate

Pre-Tax Earnings (\$M)	\$	400.4
Effective Tax Rate		25%
Implied Net Income (\$M)	\$	300.3
Diluted Shares O/S (mm)		125.7
EC 2007E EPS	\$	2.39
<b>Change in EPS Pre-Recap (125.7m shares)</b>	\$	<b>(0.03)</b>

<b>Change in EPS Post-Recap (99.7m shares)</b>	<b>\$ (0.04)</b>
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Note: Engelhard's disclosure in its Form 8-K filed with the SEC on 4/26/06 states fully diluted shares of 125.7 million and in its Schedule TO filed with the SEC on 5/5/06 states fully diluted shares of 129.2 million.

1. Per Engelhard's recapitalization plan filed with the SEC on 4/26/06 on Form 8-K.
2. Engelhard has stated that its pre-recapitalization effective tax rate was expected to be 24% and its post-recapitalization effective tax rate would be 25%. This contrasts with the average effective tax rate assumed by equity research analysts of approximately 22% on which they based their \$2.49 2007E earnings per share estimate.

## 2007E EPS impact analysis (cont'd)

## 1 Percentage Point

Decrease in 2007E EBIT Margin<sup>(1)</sup>

Pre-Tax Earnings (\$M)	\$	400.4
Less: 1% Change in EBIT Margin		(54.1)
Adjusted Pre-Tax Earnings (\$M)	\$	346.4
Effective Tax Rate		24%
Implied Net Income (\$M)	\$	263.2
Diluted Shares O/S (mm)		125.7
2007E EPS	\$	2.09
<b>Change in EPS Pre-Recap (125.7m shares)</b>	<b>\$</b>	<b>(0.33)</b>
<b>Change in EPS Post-Recap (99.7m shares)</b>	<b>\$</b>	<b>(0.41)</b>

## No Cost Savings Realized

Pre-Tax Earnings (\$M)	\$	400.4
Less: Cost Savings Results		(15.0)
Adjusted Pre-Tax Earnings (\$M)	\$	385.4
Effective Tax Rate		24%
Implied Net Income (\$M)	\$	292.9
Diluted Shares O/S (mm)		125.7
2007E EPS	\$	2.33
<b>Change in EPS Pre-Recap (125.7m shares)</b>	<b>\$</b>	<b>(0.09)</b>
<b>Change in EPS Post-Recap (99.7m shares)</b>	<b>\$</b>	<b>(0.11)</b>

## \$1/MMBTU

## Increase in Natural Gas price

Pre-Tax Earnings (\$M)	\$	400.4
Less: EBIT Impact of + \$1/MMBTU		(11.0)
Adjusted Pre-Tax Earnings (\$M)	\$	389.4
Effective Tax Rate		24%
Implied Net Income (\$M)	\$	296.0
Diluted Shares O/S (mm)		125.7
2007E EPS	\$	2.35
<b>Change in EPS Pre-Recap (125.7m shares)</b>	<b>\$</b>	<b>(0.07)</b>
<b>Change in EPS Post-Recap (99.7m shares)</b>	<b>\$</b>	<b>(0.08)</b>

## 50bps Increase in

## Incremental Borrowing Costs

Pre-Tax Earnings (\$M)	\$	400.4
Less: Increase in Interest Expense		(6.0)
Pre-Tax Earnings (\$M)	\$	394.4
Effective Tax Rate		24%
Implied Net Income (\$M)	\$	299.8
Diluted Shares O/S (mm)		125.7
2007E EPS	\$	2.38
<b>Change in EPS Pre-Recap (125.7m shares)</b>	<b>\$</b>	<b>(0.04)</b>
<b>Change in EPS Post-Recap (99.7m shares)</b>	<b>\$</b>	<b>(0.05)</b>

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1. Based on I/B/E/S consensus revenue and EBIT estimates.

## Blended value calculation

Blended Values to Shareholders per Engelhard's Recapitalization Plan						Implied Multiples for Stub Company					
EC	x 20.7%			Pro Forma Share Price	x 79.3% Stub Value	=	Blended Value	2007E P/E (\$2.41 EPS)	2007E P/E (\$2.48 EPS)	2006E EV/EBITDA(1)	2007E EV/EBITDA(1)
Repurchase	Repurchase	+									
\$	45.00	\$ 9.32	+	\$ 30.00	\$ 23.79	=	\$ 33.11	12.4x	12.1x	9.6x	8.8x
	45.00	9.32	+	31.00	24.58	=	33.90	12.9x	12.5x	9.8x	9.0x
	45.00	9.32	+	32.00	25.38	=	34.69	13.3x	12.9x	10.0x	9.2x
	45.00	9.32	+	33.00	26.17	=	35.48	13.7x	13.3x	10.2x	9.4x
	45.00	9.32	+	34.00	26.96	=	36.28	14.1x	13.7x	10.4x	9.5x
	45.00	9.32	+	35.00	27.76	=	37.07	14.5x	14.1x	10.6x	9.7x
	45.00	9.32	+	36.00	28.55	=	37.86	14.9x	14.5x	10.8x	9.9x
	45.00	9.32	+	37.00	29.34	=	38.66	15.4x	14.9x	11.0x	10.1x
	45.00	9.32	+	37.43	29.68	=	39.00	15.5x	15.1x	11.1x	10.2x
	45.00	9.32	+	38.00	30.13	=	39.45	15.8x	15.3x	11.2x	10.3x
	45.00	9.32	+	39.00	30.93	=	40.24	16.2x	15.7x	11.4x	10.5x
	45.00	9.32	+	40.00	31.72	=	41.04	16.6x	16.1x	11.6x	10.6x
	45.00	9.32	+	41.00	32.51	=	41.83	17.0x	16.5x	11.8x	10.8x
	45.00	9.32	+	42.00	33.31	=	42.62	17.4x	16.9x	12.0x	11.0x

1. Based on I/B/E/S consensus EBITDA estimates.

**BASF's offer in line with precedent premia**

[CHART]

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1. VWAP: Volume Weighted Average Price.
  2. Analysis includes the following 7 transactions: Degussa SKW Co./Laporte, Dynea Oy/Kemira Oy, Blackstone Group/Celanese AG, Cargill Crop Nutrition/IMC Global, Lyondell Chemical/Millennium Chemicals, Crompton Corp./Great Lakes and Linde AG/BOC Group PLC.
  3. Announced and completed in 2003 and 2004, announced and pending in 2005 and 2006. Analysis includes the following 8 transactions: Highfields Capital Management/Circuit City Stores, ValueAct Capital Partners/Axiom Corp., Frontline Ltd./General Maritime, Obsidian Finance and Campbell/Longview Fibre Co., EMI Group/Warner Music Group Corp., Constellation Brands/Robert Mondavi Corp., MGM Mirage/Mandalay Resort Group, and Omnicare/NeighborCare.