Filed by Entegris, Inc.
Pursuant to Rule 425 Under the Securities Act of 1933
And Deemed Filed Pursuant to Rule 14a-12
Under the Securities Exchange Act of 1934
Subject Company: Mykrolis Corporation
Commission File No. 001-16611

This filing relates to the proposed merger of equals transaction pursuant to the terms of that certain Agreement and Plan of Merger, dated as of March 21, 2005 (the "Merger Agreement"), by and among Entegris, Inc., a Minnesota corporation ("Entegris"), Mykrolis Corporation, a Delaware corporation ("Mykrolis"), and Eagle DE, Inc., a Delaware corporation and a wholly-owned subsidiary of Entegris ("Eagle Delaware"). The Merger Agreement is on file with the Securities and Exchange Commission (the "SEC") as an exhibit to the Current Report on Form 8-K filed by each of Entegris and Mykrolis on March 21, 2005, and is incorporated by reference into this filing.

The following is a slide set to be used in presentations given by Mykrolis' and Entegris' management to the investment community.













Investor Presentation

July 2005

Forward-Looking Statements/ Risk Factors

This presentation contains "forward-looking statements" as defined under the Federal Securities Laws. The actual results of Entegris and Mykrolis could differ materially from those projected in the forward-looking statements as a result of certain risk factors, including but not limited to: (i) risks associated with strategic investments and acquisitions, including the challenges and costs of closing, integration, restructuring and achieving anticipated synergies associated with the acquisition; (ii) adverse changes in general economic or market conditions; (iii) delays or reductions in semiconductor industry spending; (iv) the transition to new products, the uncertainty of customer acceptance of new product offerings, and rapid technological and market change; (v) insufficient, excess or obsolete inventory; (vi) competitive factors, including but not limited to pricing pressures; (vii) component quality and availability; (viii) the relative and varying rates of product price and component cost declines and the volume and mixture of product revenues; (ix) war or acts of terrorism; (x) the ability to attract and retain highly qualified employees; (xi) fluctuating currency exchange rates; and (xii) other one-time events and other important factors disclosed previously and from time to time in the filings of Entegris and Mykrolis with the U.S. Securities and Exchange Commission.





Transaction Overview

Overview	\$1.3 billion merger-of-equals transaction
	■ Mykrolis holders receive 1.39 shares of Entegris for each share
	■ Post-transaction ownership split: 44% Mykrolis / 56% Entegris
Company Name	■ Entegris, Inc.
Operations	■ Headquarters in Chaska, Minnesota
	■ More than 2,700 combined full-time employees
Board of Directors	5 Directors from each company and 1 new independent
Management	■ CEO: Gideon Argov
	Non-Executive Chairman: Jim Dauwalter
	■ CFO: John Villas
NewCo Exchange	■ NASDAQ
Transaction Timing	Expected to close in calendar Q3 2005





NewCo Strategic Vision

- The Leading Materials Integrity Management platform
 - Purify, protect, and transport critical materials used in semiconductor, microelectronics and other high technology manufacturing processes
 - Strong market position in core product lines
- Above-market organic growth fueled by technology / customer synergies and geographic leverage
- Balanced portfolio + broad customer base = strength and stability
 - · High exposure to unit-driven products cushions from semi cycle
 - Geographical diversity
 - · Customer base not concentrated
- Global footprint + scale = significant operating leverage





Mykrolis Overview



Headquarters: Billerica, MA
Employees: 900
LTM Sales: \$292 mm
CEO: Gideon Argov

Consumables

Equipment

Liquid Purification / Filtration

Gas Purification / Filtration

Liquid Delivery

Gas Delivery













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+50% +50% 50% Varied

Market Position

#1 #1 #1 Varied



Source: Company data and estimate:



Entegris Overview



Headquarters: Chaska, MN
Employees: 1,800
LTM Sales: \$362 mm
CEO: James Dauwalter





Wafer Processing



Fluid Handling Components



Sensing and Control



Disk Substrate and Media Handling



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_					
	+50%	+80%	30-40%	40-50%	+80%
Market Position					
	#1	#1	#1	#1	#1



Source: Company data and estimates.



Overview of NewCo

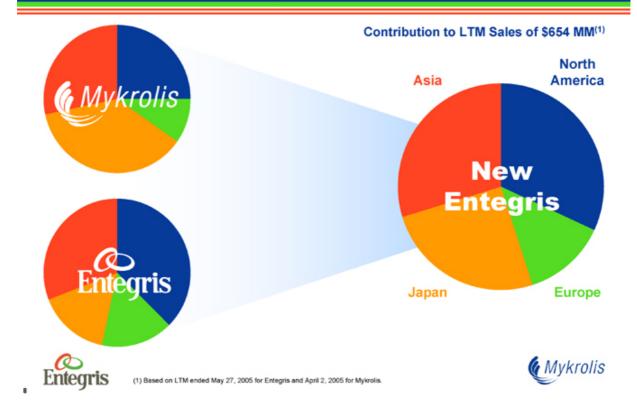
NewCo is the global leader in Materials Integrity Management to purify, protect, and transport critical materials used in semiconductor, microelectronics and other high technology manufacturing



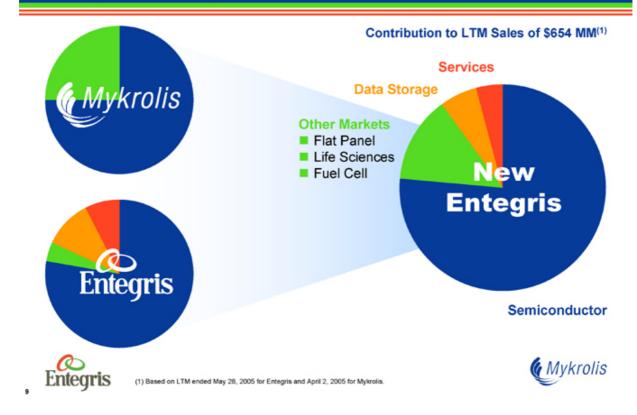




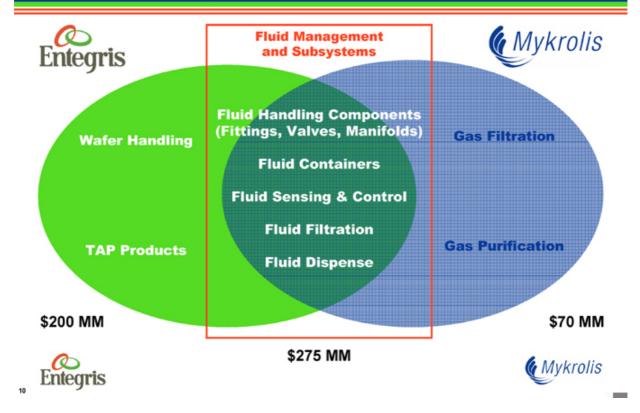
Complementary Geographic Fit



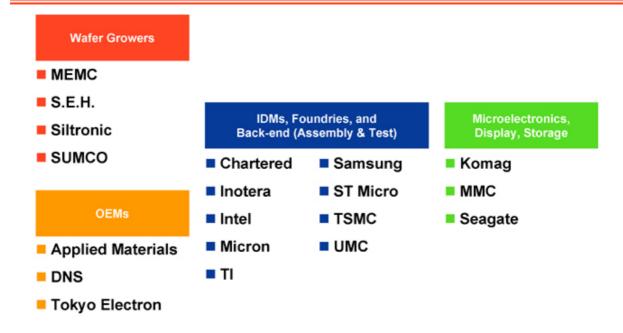
Complementary End Markets



Complementary Semiconductor Products



Strong Customers in All Targeted Markets



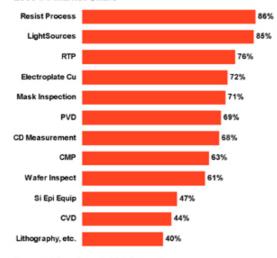




While the Semiconductor Industry is Consolidating . . .

Semi and semi-cap equipment industries have seen significant share consolidation ...

SC Front End Equipment 2003 #1 Market Share

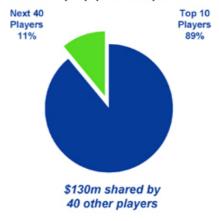


Source: Wall Street Research (SEMI, Dataquest)

Entegris

... and industry profits have concentrated in market leaders

Share of Operating Profit of Top 50 Semi Cap Equipment Companies

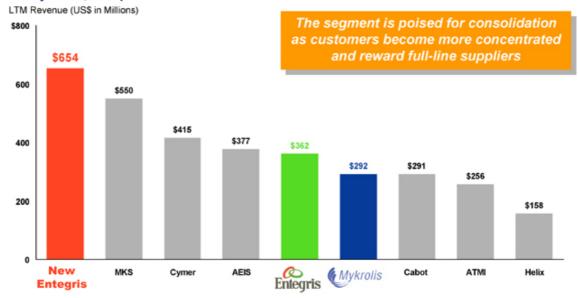


Source: Wafer News, July 12, 2004



... The Subsystems, Components and Materials Market Remains Fragmented

Subsystems, Components & Materials







..

NewCo Positioned to Benefit from Attractive, Wafer-Driven Consumables Market

Equipment Billing and Wafer Production

Monthly Rolling LTM Capital Spending and Wafer Production

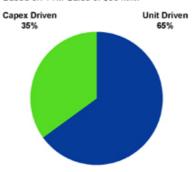


Source: VLSI, January 2005



Unit-Driven Model

Based on TTM Sales of \$654MM



Consumables represent a stable and recurring revenue stream driven by wafer starts, fab utilization rates and preventive maintenance



NewCo Organization

James Dauwalter

Non-Executive Chairman Gideon Argov

Chief Executive Officer

John Villas

Chief Financial Officer Bertrand Loy

Chief Chief
Integration Operations
Officer Officer

Jean-Marc Pandraud

Щ

Michael Wright

Chief Marketing Officer **Greg Graves**

Chief Business Development Officer Peter Walcott

General Counsel

Highlights

Name: Entegris, Inc. Headquarters: Chaska, MN Employees: 2,700

North America

- Allen (TX)
- Billerica (MA)
- Chaska (MN)
- Colorado Springs (CO)
- Franklin (MA)
- Gilroy (CA)
- San Diego (CA)

Europe

Manufacturing and Service Center Locations include:

- Bad Rappenau (Germany)
- Montpellier (France)

Asia

- Kulim (Malaysia)
- Singapore (Singapore)
- Yonezawa (Japan) (2 sites)





NewCo Integration Plan

- Integration Planning Process Already Well Under Way
 - · Bertrand Loy named full-time Chief Integration Officer
 - Experienced senior integration team members already in place
- Three Key Elements to Integration Plan
 - · Ensure limited customer disruption
 - Achieve planned cost synergies
 - · Grow revenue through complementary product, customer and geographic strengths
- Significant incentives tied to delivery of specific results





Key Financial Highlights

- Highly attractive pro forma financial profile
 - Enhanced financial scale and operating leverage
 - Attractive mix of products, customers and geographies
 - · High percentage of unit-driven revenues
- Significantly accretive to 2006 Cash EPS: \$0.16
 - Pro forma EPS, excl. amortization of intangibles & restructuring
- Tangible, near-term cost savings of \$15 MM+
 - · General and administrative savings and purchasing benefits
 - Efficiencies in sales and service operations
 - Elimination of redundant facilities and infrastructure
- Longer-term revenue synergy opportunities
- Strong balance sheet with \$261MM in combined cash + marketable securities





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Financial Performance

Trailing Twelve Months Results

US\$ in Millions, Except per Share Amounts

	Entegris"	(Mykrolis ⁽²⁾
Revenue	\$362	\$292
Gross Profit	\$151	\$139
Gross Margin	42%	47%
Operating Income	\$34	\$34
Operating Margin	9%	12%
GAAP Net Income	\$26	\$28
Employees ⁽³⁾	1,800	900

LTM as of May 28, 2005.
 LTM as of April 2, 2005. Does not reflect impact of Extraction Systems acquisition.
 Excludes temporary workers.





Financial Performance

Balance Sheet as of Latest Quarter

US\$ in Millions, Except per Share Amounts

	Entegris"	Mykrolis (2)
Cash	\$164	\$97
Working Capital ⁽³⁾	\$228	\$153
Total Assets	\$482	\$339
Debt	\$25	\$0
Shareholders' Equity	\$390	\$274

As of May 28, 2005.
 As of April 2, 2005.
 Defined as Current Assets minus Current Liabilities.





Key Financial Metrics

2006 EPS Impact

US\$ in Millions, Except per Share Amounts

Item	Street Est.	Comments
Current "Street" GAAP EPS	\$0.38	IBES consensus for Entegris
Current Street "Cash EPS"	\$0.42	Adds back amortization expense
Combined Cash Net Income	\$73	"Cash Net Income" adds back amortization
Transaction synergies (after tax)	\$9	Assumes \$15 MM pre-tax
Retention and other Costs (after-tax)	\$(3)	\$4 MM pre-tax - retention restricted stock
Pro Forma Combined Net Income	\$80	
Pro Forma Shares Outstanding (diluted, M)	138	
Pro Forma EPS	\$0.58	
Change in EPS	\$0.16	
% Change	38%	

Source: "Current Street EPS" per IBES median consensus, adjusted for calendarization to CY year-end









Additional Information and Where to Find It

In connection with the proposed transaction, Entegris, Mykrolis and Eagle DE, Inc. (a newly formed corporation that will merge with Entegris to effect the reincorporation of Entegris in the State of Delaware in connection with the proposed transaction) has filed a joint proxy statement/prospectus with the Securities and Exchange Commission. A registration statement on Form S-4 also has been filed with the SEC. Security holders of each company and other investors are urged to read the registration statement and the joint proxy statement/prospectus (including any amendments or supplements to the joint proxy statement/prospectus) regarding the proposed transaction because they contain important information about Entegris, Mykrolis and the proposed transaction. Stockholders may obtain a free copy of the registration statement and the joint proxy statement/prospectus, as well as other filings containing information about Entegris and Mykrolis, without charge, at the SEC's Internet site (http://www.sec.gov). Copies of the registration statement and the joint proxy statement/prospectus and the filings with the SEC that are incorporated by reference in the joint proxy statement/prospectus can also be obtained, without charge, by directing a request to Entegris, 3500 Lyman Blvd, Chaska, MN 55318, Attention: Investor Relations Dept., telephone: (952) 556-8080, or at irielations@entegris.com or to Mykrolis, 129 Concord Road, Billerica, MA 01821, Attention: Investor Relations Dept., telephone (978) 436-6500, or at investor_relations@mykrolis.com. In addition, investors and security holders may access copies of the documents filed with the SEC by Entegris on Entegris' website at www.entegris.com, and investors and security holders may access copies of the documents filed with the SEC by Mykrolis on Mykrolis' website at www.entegris.com.

Participants in Solicitation

Entegris, Mykrolis and their respective directors and executive officers and other persons may be deemed to be participants in the solicitation of proxies in respect of the proposed transaction. Information regarding Entegris' directors and executive officers is available in its Form DEF 14A filed with the SEC by Entegris on December 15, 2004 and in its Form 10-K filed with the SEC on November 12, 2004, and information regarding Mykrolis' directors and executive officers is available in its Form DEF 14A filed with the SEC by Mykrolis on March 26, 2004 and in its Form 10-K/A filed with the SEC on April 14, 2005). Other information regarding the participants in the proxy solicitation and a description of their direct and indirect interests, by security holdings or otherwise, is contained in the joint proxy statement/prospectus and other relevant materials filed or to be filed with the SEC.





Forward-Looking Statements

Certain statements in this press release regarding Entegris, Inc., Mykrolis Corporation, the proposed transaction and the combined company after completion of the proposed transaction constitute "forward-looking statements" within the meaning of the Private Securities Litigation Reform Act of 1995. Words such as "expect," "feel," "believe," "may," "anticipate," "plan," "estimate," "intend," "should," and similar expressions are intended to identify forward-looking statements. These statements include, but are not limited to, financial projections and estimates and their underlying assumptions; statements regarding plans, objectives and expectations with respect to future operations, products and services; and statements regarding future performance. Such forward-looking statements involve known and unknown risks, uncertainties and other important factors that could cause the actual results, performance or achievements of Entegris, Mykrolis, and their respective subsidiaries or industry results, to differ materially from any future results, performance or achievements expressed or implied by such forward-looking statements. Such risks, uncertainties and other factors include, among others: the risks and factors described in the publicly filed documents of Entegris and Mykrolis, including their most recently filed Forms 10-K; general economic and business conditions and industry trends in the countries in which we operate; currency exchange risks; the continued strength of the industries in which we operate; uncertainties inherent in proposed business strategies and development plans; rapid technological changes; future financial performance, including availability, terms and deployment of capital; availability of qualified personnel; changes in, or the failure or the inability to comply with, government regulation in the countries in which we operate, and adverse outcomes from regulatory proceedings; changes in the nature of key strategic relationships with partners and joint venturers; competitor responses to the products and services of Entegris and Mykrolis, and the overall market acceptance of such products and services, including acceptance of the pricing of such products and services; the ability to achieve the cost savings and synergies contemplated by the proposed merger; the ability to promptly and effectively integrate the businesses of Entegris and Mykrolis; and the diversion of management time on merger-related issues. These forwardlooking statements speak only as of the date of this presentation. Entegris and Mykrolis expressly disclaim any obligation or undertaking to disseminate any updates or revisions to any forward-looking statement contained herein to reflect any change in the respective expectations of Entegris and Mykrolis with regard thereto or any change in events, conditions or circumstances on which any such statement is based. The transaction is subject to customary closing conditions, including regulatory, stockholder and other third-party consents and approvals.

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