The Chemours Company
Investor Day 2017

Fluoroproducts
Business Overview

Paul Kirsch, President, Fluoroproducts
Fluoroproducts Business Summary

BUSINESS OVERVIEW

• Supplies fluoropolymer products for high performance applications across broad array of industries
• Supplies fluorochemical products for air conditioning, refrigeration and foam blowing agent markets
• Global market leader in Fluoroproducts
  – Fluorochemicals: #1 refrigerants, #1 propellants, #3 foam blowing agents
  – Fluoropolymers: #1 industrial resins, #1 fluoropolymer specialties
• Brands: Teflon™, Freon™, Opteon™, Krytox™, Nafion™, Viton™

FINANCIAL SUMMARY

<table>
<thead>
<tr>
<th></th>
<th>2015</th>
<th>2016</th>
<th>TTM 3Q17¹</th>
</tr>
</thead>
<tbody>
<tr>
<td>Revenue</td>
<td>2,230</td>
<td>2,264</td>
<td>2,567</td>
</tr>
<tr>
<td>Adjusted EBITDA</td>
<td>300</td>
<td>445</td>
<td>621</td>
</tr>
<tr>
<td>Adj. EBITDA Margin</td>
<td>13.5%</td>
<td>19.7%</td>
<td>24.2%</td>
</tr>
</tbody>
</table>

Fluorochemicals – refrigerants, propellants, foam blowing agents, fire suppressants

Fluoropolymers – industrial resins and specialty products and coatings

Key end markets – air conditioning, refrigeration, automotive, electronics, communications, wire & cable, energy, consumer, oil & gas, aerospace

Source: Company filings and data
1. Results on a trailing twelve-month basis ending 3Q17
2. Segment net sales on a trailing twelve-month basis ending 3Q17

See reconciliation of Non-GAAP measures in our appendix
Fluoroproduct Innovation

Building on Our Legacy of Product Innovation
Unique Fluorine Attributes

- Chemical Inertness
- Thermal Stability
- Non-stick / Low Friction
- Dielectric Properties
- Weather Resistance/Non-aging
- Insensitive to UV
- Broad Temperature Range (-200°C / +260°C)

Fluorine-based Products Provide Better Performance, Higher Value Versus Other Offerings
Capturing the Value of Future Trends by Leveraging Fluorine Attributes and Investing in Our Capabilities

“PRODUCT ORIENTATION”

- Reliance on fluorine performance
- Deep expertise in core offerings
- Dependence on existing applications

“MARKET ORIENTATION”

- Invest in technology through marketing, R&D and intellectual property
- Expand fluoroproducts application universe into additional offerings
- Partner with customers across value chain
- Become specified into customers’ products

APPLICATION DEVELOPER

MATERIAL SPECIALIST

PRODUCT VIEW

MARKETING

APPLICATION DEVELOPMENT VIEW

R&D

OPPORTUNITY

MARKET TRENDS

“PRODUCT ORIENTATION”

“MARKET ORIENTATION”
Fluoropolymers Business

Chemours Fluoropolymers Are Used in a Broad Portfolio of Applications
New Trends Within Chemours Core Markets Require Fluorine Performance

Note: 10 year CAGRs represent internal estimates for Fluoropolymers’ growth within these markets
Chemours Is Well Positioned In Automotive Market

We Have a Wide Range of Offerings to Address Various Automotive Needs
Fluoropolymers Applications in Automotive Market

- Emerging auto industry trends drive increased need for fluoropolymers
  - Tightening emission standards
  - Smaller engines operating at higher temperatures
  - Transition from internal combustion engines to alternative energy vehicles

**AIR MANAGEMENT APPLICATION**
Emissions Standards Tightening

**CORRIDOR FOR POTENTIAL CO₂ REGULATION**

<table>
<thead>
<tr>
<th>Year</th>
<th>2015</th>
<th>2020</th>
<th>2025</th>
<th>2030</th>
</tr>
</thead>
<tbody>
<tr>
<td>CO₂ g/km</td>
<td>172</td>
<td>166</td>
<td>144</td>
<td>121</td>
</tr>
<tr>
<td>~80</td>
<td>~70</td>
<td>~50</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Tightening**

Source: Government and Environmental regulations

¹ To ensure comparability, CO₂ figures are cycle-adjusted and normed to NEDC

**Turbo Charger Growth**

$M Fluoroelastomers in Turbocharger Hose Application

<table>
<thead>
<tr>
<th>Year</th>
<th>2017</th>
<th>2020</th>
<th>2022</th>
<th>2025</th>
</tr>
</thead>
<tbody>
<tr>
<td>~$50</td>
<td>~$50</td>
<td>~$50</td>
<td>~$50</td>
<td></td>
</tr>
</tbody>
</table>

Source: Industry trade publications, company disclosures, and Chemours estimates
Chemours is well positioned in the electronics and communications market. Fluoropolymers are an integral part of mobile phones and communications systems.
Fluoropolymers Applications in Electronics Market

- Emerging trends in electronics industry drive need for fluoropolymers due to exceptional dielectric properties and chemical inertness
  - Next generation connectivity (5G, Internet of Things (IoT))
  - Smarter, thinner devices
  - Mobility, wearables technology
  - Higher data speeds and LAN traffic
  - Semiconductor fabrication builds and decreasing node size

Strong Growth in Semiconductors ($B USD)

Fluoropolymers Addressable Market in Semiconductors ($M)

Source: Industry trade publications, company disclosures, and Chemours estimates
Fluoropolymers Applications in Energy Market

• Trends in energy production and storage increase need for fluoropolymer performance

- Need for affordable renewable energy generation
- Rapid expansion of stationary power storage
- Energy storage “in front of the meter” expected to grow substantially
- Government & OEMs driving decarbonization of transportation
- Environmental control and energy efficiency in fossil fuel power plants

Energy Storage for Smart Grid Applications
GWh

<table>
<thead>
<tr>
<th>Year</th>
<th>2016</th>
<th>2020</th>
<th>2024</th>
</tr>
</thead>
<tbody>
<tr>
<td>Energy Storage</td>
<td>6</td>
<td>+19% p.a.</td>
<td></td>
</tr>
</tbody>
</table>

Fluoropolymer Addressable Market in Energy Storage
Million USD ($M)

<table>
<thead>
<tr>
<th>Year</th>
<th>2017</th>
<th>2020</th>
<th>2022</th>
<th>2025</th>
</tr>
</thead>
<tbody>
<tr>
<td>Energy Storage</td>
<td>~$100</td>
<td>+23% p.a.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Source: Industry trade publications, company disclosures, and Chemours estimates
Chemours Fluoropolymers Impact

- Investing in application development is driving greater portfolio mix of higher value differentiated offerings
- Leveraging our market leadership to expand into key, attractive applications and end market
- Shifting to higher differentiation product mix enhances margin profile

Fluoropolymers Gross Contribution ($M)

2016-2025E Differentiated CAGR ~5% - 7%
Chemours Fluorochemicals

**TECHNOLOGY TIMELINE**

1900s
- Industrial Gases
  - CO₂, NH₃
  - Zero ODP/Low GWP

1920s
- CFCs
  - High ODP/High GWP

1930s
- HCFCs
  - Low ODP/High GWP

1980s
- HFCs
  - Zero ODP/High GWP

Today
- HFOs
  - Zero ODP/Very Low GWP

ODP = Ozone Depletion Potential
GWP = Global Warming Potential
Opteon™ Innovation Recognized

- Supermarkets can save 10% on energy bills by using Opteon™ XP40 blends
- By end of 2017, more than 50 million vehicles on the road using HFO1234yf
  - Project global fleet will exceed 150 million vehicles globally by end of 2020
- Opteon™ 1100 reduces CO₂ while increasing efficiency
  - 1 million houses using Opteon™ 1100 = 6 trillion kg of CO₂ reduction
## Fluorochemicals Regulatory Environment

**MAJOR REGULATORY DRIVER**

<table>
<thead>
<tr>
<th>Driver</th>
<th>WHAT IT DOES</th>
<th>CONVERSION TO LOW GWP*</th>
</tr>
</thead>
<tbody>
<tr>
<td>EU Mobile Air Conditioning (MAC) Directive</td>
<td>• Bans HFC-134a for auto A/C</td>
<td><img src="image1.png" alt="Graph" /></td>
</tr>
<tr>
<td>US Corporate Average Fuel Economy (CAFE) CO₂ Credits</td>
<td>• Incentivizes auto OEMs to reduce CO₂ footprint for U.S. domestic market</td>
<td><img src="image2.png" alt="Graph" /></td>
</tr>
<tr>
<td>EU Fluorinated Gas (FGas) II</td>
<td>• Caps HFC quota and phases down use</td>
<td><img src="image3.png" alt="Graph" /></td>
</tr>
<tr>
<td>Montreal Protocol / Kigali Amendment</td>
<td>• Caps HFC quota and phases down use</td>
<td><img src="image4.png" alt="Graph" /></td>
</tr>
<tr>
<td></td>
<td>• Staggered rollouts across countries</td>
<td></td>
</tr>
<tr>
<td></td>
<td>• US upside beyond 2020 if ratified by current Administration</td>
<td></td>
</tr>
</tbody>
</table>

Opteon™ Innovation Enables Easier Transition to Meet Regulatory Needs

*Percent of market

Source: Government and environmental regulations and Chemours estimates
Fluorochemicals Long-Term Market View

Chemours is well positioned to capture market growth and value for both HFOs and Non-HFOs.

Source: Industry trade publications, company disclosures, and Chemours estimates
### Fluorochemicals Long-Term Market View

<table>
<thead>
<tr>
<th>Segment</th>
<th>2016</th>
<th>2025</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Revenue</td>
<td>CAGR</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MOBILE</td>
<td>$1B</td>
<td>$1.3B</td>
</tr>
<tr>
<td>Foam Blowing Agents</td>
<td>$450M</td>
<td>$500M</td>
</tr>
<tr>
<td>Stationary</td>
<td>$3.7B</td>
<td>$6.1B</td>
</tr>
<tr>
<td>Foam Blowing Agents</td>
<td>$50M</td>
<td>$5.25B</td>
</tr>
<tr>
<td>Stationary</td>
<td>$3.65B</td>
<td>$5.25B</td>
</tr>
<tr>
<td>Mobile</td>
<td>$0.7B</td>
<td>$0.9B</td>
</tr>
<tr>
<td>Foam Blowing Agents</td>
<td>$650M</td>
<td>$250M</td>
</tr>
</tbody>
</table>

**Chemours Is Well Positioned to Capture Market Growth and Value for Both HFOs and Non-HFOs**

Source: Industry trade publications, company disclosures, and Chemours estimates
Opteon™ Intellectual Property: Multiple Tiers of Protection

- Composition of Matter Patents
- Application/Use Patents
- Manufacturing Process Patents
- Know How
- Trademark

Broad Portfolio of IP Providing Layers of Protection for Multiple Applications in Key Countries
• Investing $300 million to establish the world's largest and lowest cost facility for manufacturing HFO YF

• Utilizes proprietary process technology

• Construction started in February 2017, expected completion by end of 2018
Chemours Fluorochemicals Impact

• Driving profitability of fluorochemicals within regulatory environment

• Investing in low-cost HFO manufacturing and further technology development

• Supporting market need through HFC phasedown

Source: Based on Chemours company estimates
Chemours Fluoroproduct Summary

- Positioning to capture value from emerging industry and regulatory trends
- Increasing investment to shift our business to an application development focus
- Delivering long-term GDP+ growth with enhanced profitability

Source: Chemours estimates
The Chemours Company
Investor Day 2017

HIGHER VALUE CHEMISTRY: Earning our way to growth