Specialty Products, Inc. (SPI) is a pioneer and leading innovator in the polyurea protective coatings industry. SPI’s corporate philosophy and passion focuses on continuing to raise the industry bar with cutting edge solutions.

SPI’s advanced polyurea products are the next evolution of protective coatings for the Mining Industry. These ultra high-strength, elastomeric, polyurea coatings simply outperform epoxy, polyurethane and other hybrid products.

**SPI POLYUREA ADVANTAGES**

- Stronger, more durable, longer service life for increased ROI
- Excellent resistance to many chemicals and hydrocarbons
- Higher elongation, greater flexibility and won’t crack or peel like epoxy. Able to withstand substrate expansion and contraction caused by harsh annual weather cycles
- High build - apply to any thickness in one application
- Fast-set - rapid cure, return to service within hours, not days
- Hydrophobic - relatively unaffected by cool surfaces during the application process
- Apply in wide-range of temperatures (below 0° to >100° F)
- Contains 100% solids, no VOCs, solvents or ozone depleting ingredients

**www.specialty-products.com**

**PROTECTIVE COATING SOLUTIONS**

**Mining Industry**

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**Leading GRACO® Equipment and Parts Distributor**
The toughest and most durable protective coatings in the industry

**FEATURED INDUSTRY SOLUTIONS**

**K5™**
K5™ is an ultra high-strength, high-elongation polyurea, originally developed as a resilient blast resistant polymer. Soon after, it was discovered that K5™ is exceptionally resistant to abrasion, compared to other spray applied coatings. K5™ can be sprayed on to virtually any surface configuration, at any thickness. Therefore, it can be selectively applied to high wear areas.

**HT-100F UB™**
HT-100F UB™ is a high tensile, high elongation, high build, fast-set, elastomer, specifically formulated to provide a tenacious bond to certain thermoset plastic surfaces. Unlike most spray-applied polyureas, HT-100F UB™ has the unique advantage of adhering to many polymeric substrates, both new and aged, typically without the use of primers or extensive surface preparation. It provides a cost effective, flexible, tough, resilient monolithic membrane with water and chemical resistance.

**PTU™**
PTU™ is a new generation of high-performance polyurea coating and is the result of six years of development and field testing. This chemical resistant coating provides high-ductility, allowing it to move with expanding and contracting surfaces. PTU™ can be sprayed to any thickness in one application and returned to service in a matter of hours.

**MINING INDUSTRY APPLICATIONS**
- Metal walls, floors and roof decks
- Steel structures, I-beams, tanks, stairs
- Sludge processing/slurry tanks, clarifiers and pipelines
- Silos, chutes, hoppers, classifier and shaker screens
- Roller and belt protection
- Truck and equipment bed liners
- Evaporation pit and earthen containment liners

Specialty Products has over 40 unique polyurea elastomer coatings with a wide range of physical properties to meet your specific project requirements. SPI only produces 100% solids, pure polyurea coatings that contain no VOCs, solvents, or harmful ozone depleting ingredients. Our knowledgeable team of industry experts will work closely with you from your project’s beginning to the end, providing reliable coating solutions, SSPC/NACE standards, project specifications, and unsurpassed 365-day, 24/7 technical support.

**FEATURED INDUSTRY SOLUTIONS**

<table>
<thead>
<tr>
<th>Dry Properties &amp; Test Methods</th>
<th>PTU™</th>
<th>HT-100F UB™</th>
<th>K5™</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tensile Strength, psi ASTM D412</td>
<td>&gt; 3000 psi</td>
<td>&gt; 3900 psi</td>
<td>&gt; 5500 psi</td>
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<tr>
<td>Elongation ASTM D 412</td>
<td>100%</td>
<td>&gt; 300%</td>
<td>&gt; 300%</td>
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<tr>
<td>Tear Resistance, pli ASTM D 624</td>
<td>n/a</td>
<td>n/a</td>
<td>690 pli avg</td>
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<tr>
<td>Shore D Hardness ASTM D 2240</td>
<td>65 D</td>
<td>55 D</td>
<td>57 D</td>
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<tr>
<td>Abrasion Resistance ASTM D 4060</td>
<td>n/a</td>
<td>n/a</td>
<td>H 18 Wheel 33 mg. lost</td>
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<tr>
<td>Application Temperature</td>
<td>&lt; 0° to &gt; 100°F</td>
<td>&lt; 0° to &gt; 100°F</td>
<td>&lt; 0° to &gt; 100°F</td>
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<tr>
<td>Service Temperature</td>
<td>*</td>
<td>-50° to +200°F</td>
<td>-40° to +200°F</td>
</tr>
<tr>
<td>Return to Service</td>
<td>12 - 24 Hours</td>
<td>24 Hours</td>
<td>24 Hours</td>
</tr>
</tbody>
</table>

* Contact SPI for technical information.