Section 1 - Chemical Product and Company Information

Product Name: Smith’s Polyaspartic Low Sheen Part B    Product Code: SCS ASP 3550
Trade Name: Polyaspartic Low Sheen B
Manufactured by:
Smith Paint Products
2200 Paxton Street
Harrisburg, PA 17111
(800) 466-8781

Chemtrec
2900 Fairview Park Drive
Falls Church, VA 22042-4513
(800) 262-8200

Emergency Hot Line:
(800) 424-9300

Section 2 - Hazards Identification

GHS Ratings:

- Flammable liquid: 2 Flash point < 23°C (73°F) and initial boiling point > 35°C (95°F)
- Inhalation Toxicity: Acute Tox. 4 Gases>2500+<=5000ppm, Vapors>10+<=20mg/l,
  Dusts&mists>1+<=5mg/l
- Respiratory sensitizer: 1 Respiratory sensitizer
- Skin sensitizer: 1 Skin sensitizer

GHS Hazards:

- H225: Highly flammable liquid and vapour
- H317: May cause an allergic skin reaction
- H332: Harmful if inhaled
- H334: May cause allergy or asthma symptoms or breathing difficulties if inhaled

GHS Precautions:

- P210: Keep away from heat/sparks/open flames/hot surfaces – No smoking
- P233: Keep container tightly closed
- P240: Ground/bond container and receiving equipment
- P241: Use explosion-proof electrical/ventilating/light/…/equipment
- P242: Use only non-sparking tools
- P243: Take precautionary measures against static discharge
- P261: Avoid breathing dust/fume/gas/mist/vapours/spray
- P271: Use only outdoors or in a well-ventilated area
- P272: Contaminated work clothing should not be allowed out of the workplace
- P280: Wear protective gloves/protective clothing/eye protection/face protection
- P285: In case of inadequate ventilation wear respiratory protection
- P312: Call a POISON CENTER or doctor/physician if you feel unwell
- P321: Specific treatment (see … on this label)
- P363: Wash contaminated clothing before reuse
- P302+P352: IF ON SKIN: Wash with soap and water
- P303+P361+P353: IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower
**Section 3 - Composition / Information on Ingredients**

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS number</th>
<th>Weight Concentration %</th>
</tr>
</thead>
<tbody>
<tr>
<td>PARACHLOROBENZOTRIFLUORIDE</td>
<td>98-56-6</td>
<td>50.00% - 60.00%</td>
</tr>
<tr>
<td>HOMOPOLYMER OF HEXAMETHYLENE DIISOCYANATE</td>
<td>28182-81-2</td>
<td>40.00% - 50.00%</td>
</tr>
<tr>
<td>Inert</td>
<td></td>
<td>1.00% - 5.00%</td>
</tr>
</tbody>
</table>

**Section 4 - First Aid Measures**

**Inhalation:** Move to fresh air. Give assisted respiration if breathing has stopped or is labored (call a physician).

**Eye Contact:** Stain for evidence of corneal injury. If cornea is burned, instill antibiotic/steroid preparation as needed. Vapors in the workplace could produce reversible corneal epithelial edema impairing vision.

**Skin Contact:** This compound is a skin sensitizer. Treat symptomatically as for contact dermatitis or thermal burn.

**Ingestion:** Treat symptomatically. There is no specific antidote. Inducing vomiting is contraindicated because of the irritating nature of this compound.

**Section 5 - Fire Fighting Measures**

**Flash Point:** -9 C (16 F)

**LEL:** 1.00  **UEL:** 11.00

**Extinguishing Media:** Ignition may give rise to a class B fire. In case of fire use: Water Fog, Carbon Dioxide, Dry Chemical, Alcohol Foam.

**Unusual Fire and Explosion Hazards:** May generate toxic or irritating combustion products. Sudden reaction and fire may result if product is mixed with an oxidizing agent. Solvent vapors may be heavier than air. Under conditions of stagnant air, vapors may build up and travel along the ground to an ignition source.

**Hazardous Combustion Products:** CO, CO2, Aldehydes, Acids

**Fire Fighting Procedures:** Wear self-contained breathing apparatus and protective clothing. Water spray is useful in cooling fire-exposed vessels and in dispersing vapors.
Section 6 - Accidental Release Measures

**Spill and Leak Procedures:** Evacuate non-essential personnel. Shut off all sources of ignition. Put on personal protective equipment. Control the source of the leak and ventilate. Contain the spill to prevent spread to drains, sewers, water supplies and soil. Pour decontamination solution over spill and allow to react for at least 15 minutes. Collect material in open containers with further amounts of decontamination solution. Wash down spill area with decontamination solution.

Section 7 - Handling and Storage

**Handling Precautions:** Store in a cool, well ventilated area. Keep away from heat and open flames. Avoid prolonged inhalation of heated vapors or mists. Avoid prolonged skin contact. Use non-sparking tools and grounding cables when transferring. Containers may be hazardous when empty.

**Storage Requirements:** Avoid temperature extremes. Store away from excessive heat, from sources of ignition and from reactive materials. Material can burn; limit indoor storage to areas equipped with automatic sprinklers. Store out of direct sunlight in a cool place. Keep containers tightly closed. Ground all metal containers during storage and handling.

Section 8 - Exposure Controls / Personal Protection

<table>
<thead>
<tr>
<th>Chemical Name / CAS No.</th>
<th>OSHA Exposure Limits</th>
<th>ACGIH Exposure Limits</th>
<th>Other Exposure Limits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PARACHLOROBENZOTRIFLUORIDE 98-56-6</td>
<td>None established</td>
<td>None established</td>
<td>Not Established</td>
</tr>
<tr>
<td>HOMOPOLYMER OF HEXAMETHYLENE DIISOCYANATE 28182-81-2</td>
<td>Not Established</td>
<td>Not Established</td>
<td>Not Established</td>
</tr>
<tr>
<td>Inert</td>
<td>Not Established</td>
<td>Not Established</td>
<td>Not Established</td>
</tr>
</tbody>
</table>

**Engineering Controls:** Exhaust ventilation sufficient to keep airborne concentration of the solvents below their respective TLV's. Exhaust air may need to be cleaned by scrubbers or filters to reduce environmental contamination.

**Respiratory Protection:** A respirator that is recommended for use in isocyanate containing environments (air purifying or fresh air supplied) may be necessary for spray applications or other situations such as high temperature use which may produce inhalation exposures. A supplied air respirator (either positive pressure type or continuous flow type) is recommended. Before an air purifying respirator can be used, air monitoring must be performed to determine the airborne concentrations of HDI Monomer, HDI Polyisocyanate and organic solvents.

**Protective Gear:** Long sleeved shirts and pants. Emergency showers and wash stations should be readily accessible. Nitrile rubber protective gloves. Splash-proof goggles or chemical safety glasses.

Section 9 - Physical and Chemical Properties

<table>
<thead>
<tr>
<th>Appearance</th>
<th>Odor: Solvent Odor</th>
</tr>
</thead>
<tbody>
<tr>
<td>Liquid</td>
<td>Odor threshold: Not Determined</td>
</tr>
<tr>
<td>Vapor Pressure: 3.7 mmhg @ 20°C</td>
<td>pH: Not Applicable</td>
</tr>
<tr>
<td>Vapor Density: 2.4</td>
<td>Melting point: Not Determined</td>
</tr>
<tr>
<td>Specific Density: 1.10</td>
<td>Boiling range: &gt;79.6°C</td>
</tr>
<tr>
<td>Solubility in water: Insoluble</td>
<td></td>
</tr>
</tbody>
</table>
## Section 10 - Stability and Reactivity

**Stability:** Stable, however may form peroxides of unknown stability.

**STABLE**

**Incompatibilities/Materials to avoid:** water, amines, strong bases, alcohols, metal compounds and surface active materials.

**Hazardous Decomposition:** By high heat and fire; CO, CO2, oxides of nitrogen, HCN, HDI.

Hazardous polymerization will occur.

## Section 11 - Toxicological Information

**Mixture Toxicity**
- Oral Toxicity LD50: 4,599mg/kg
- Inhalation Toxicity LC50: 1mg/L

**Component Toxicity**

<table>
<thead>
<tr>
<th>CAS Number</th>
<th>Description</th>
<th>% Weight</th>
<th>Carcinogen Rating</th>
</tr>
</thead>
<tbody>
<tr>
<td>98-56-6</td>
<td>PARACHLOROBENZOTRIFLUORIDE</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Dermal LD50: 3,300 mg/kg (Rabbit) Inhalation LC50: 33 mg/L (Rat)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>28182-81-2</td>
<td>HOMOPOLYMER OF HEXAMETHYLENE DIISOCYANATE</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Oral LD50: 2,500 mg/kg (Rat (female)) Inhalation LC50: 1 mg/L (Rat (male))</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Carcinogenic Data:**
- **NTP:** None
- **OSHA:** None
- **IARC:** None

## Section 12 - Ecological Information

**Component Ecotoxicity**

**PARACHLOROBENZOTRIFLUORIDE**

<table>
<thead>
<tr>
<th>Ecotoxicity</th>
<th>End point</th>
<th>Exposure time</th>
<th>Test Type</th>
<th>Method</th>
<th>GLP</th>
</tr>
</thead>
<tbody>
<tr>
<td>Toxicity to fish</td>
<td>Growth rate</td>
<td>96 h</td>
<td>semi-static test</td>
<td>OECD Test Guidline 203</td>
<td>yes</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Toxicity to IC 50</td>
<td>Daphnia magna (Water flea)</td>
<td>2 mg/l</td>
<td>semi-static test</td>
<td>OECD Test Guidline 202</td>
<td>yes</td>
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<tr>
<td>daphnia and invertebrates</td>
<td>Exposure time: 48 h</td>
<td></td>
<td></td>
<td></td>
<td></td>
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<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Toxicity to algae</td>
<td>EC50</td>
<td>0.41 mg/l</td>
<td>static test</td>
<td>OECD Test Guidline 201</td>
<td>yes</td>
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<td></td>
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<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Remarks: No data available</td>
<td></td>
<td></td>
<td></td>
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<td></td>
</tr>
</tbody>
</table>
M-Factor (acute aquatic toxicity)

Ecotoxicology Assessment Acute aquatic toxicity
Very toxic to aquatic life.

Chronic aquatic toxicity
Very toxic to aquatic life with long lasting effects.

Persistence and degradability
Biodegradability aerobic
- Inoculum: Activated sludge, domestic, non-adapted
- Result: Not readily biodegradable.
- Biodegradation: 19.2%
- Exposure time: 28d
- Method: OECD Test Guideline 301D
- GLP: yes

Bioaccumulative Potential
- Partition coefficient: Pow: 5,030 (25°C)
- n-octanol/water log Pow: 3.7 (25°C)

Product:
- Regulation 40 CFR Protection of Environment; Part 82 Protection of Stratospheric Ozone - CAA Section 602 Class I Substances
- Remarks This product neither contains, nor was manufactured with a Class I or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App. A+B).

Additional ecological information
An environmental hazard cannot be excluded in the event of unprofessional handling or disposal. Very toxic to aquatic life with long lasting effects.

Section 13 - Disposal Considerations

Waste Disposal Methods: Incineration is preferred. Comply with all federal, state and local regulations. RCRA classified hazardous waste with characteristic of ignitability.

Section 14 - Transport Information

This material is classified for transport as follows:

Smith's Polyaspartic Gloss Part B is not regulated as a hazardous material per 49 CFR 173.120 (a) (3), ICAO/IATA 3.3.1.3 (a), IMDG 2.3.1.3 (1), and ADR 2.2.3.1.1 NOTE 1.

<table>
<thead>
<tr>
<th>Agency</th>
<th>Proper Shipping Name</th>
<th>UN Number</th>
<th>Packing Group</th>
<th>Hazard Class</th>
</tr>
</thead>
<tbody>
<tr>
<td>ADR/RID</td>
<td>Resin Solution, Flammable</td>
<td>UN 1866</td>
<td>III</td>
<td>3</td>
</tr>
<tr>
<td>DOT</td>
<td>Resin Solution, Flammable</td>
<td>UN 1866</td>
<td>III</td>
<td>3</td>
</tr>
<tr>
<td>IATA</td>
<td>Resin Solution, Flammable</td>
<td>UN 1866</td>
<td>III</td>
<td>3</td>
</tr>
<tr>
<td>IMDG</td>
<td>Resin Solution, Flammable</td>
<td>UN 1866</td>
<td>III</td>
<td>3</td>
</tr>
</tbody>
</table>

Section 15 - Regulatory Information

This product contains the following chemicals which are listed by the State of California as carcinogenic or a reproductive toxin:
- None
Section 16 - Other Information

The material contained in this Safety Data Sheet is based on information supplied to Smith Paint Products by the raw material suppliers of the individual components of this product. Smith Paint Products believes this information is truthful and reliable. However, no warranty is expressed or implied regarding the accuracy of this information, or of any product, method or apparatus mentioned and you must make your own determination of its suitability and completeness for your own use, for the protection of the environment, and health and safety of your employees and users of this material. As more information becomes available from our vendors additional revisions will be forthcoming.

Date Prepared: 5/15/2018