Section 1 - Chemical Product and Company Information

Product Name: Smith's Polyaspartic Low Sheen Part A   Product Code: SCS-ASP 3550
Trade Name: Polyaspartic Low Sheen A
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:

<table>
<thead>
<tr>
<th>Property</th>
<th>Rating</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flammable liquid</td>
<td>2</td>
<td>Flash point &lt; 23°C (73°F) and initial boiling point &gt; 35°C (95°F)</td>
</tr>
<tr>
<td>Inhalation Toxicity</td>
<td>Acute Tox. 4</td>
<td>Gases&gt;2500+&lt;5000ppm, Vapors&gt;10+&lt;20mg/l, Dusts &amp; mists&gt;1+&lt;5mg/l</td>
</tr>
<tr>
<td>Skin corrosive</td>
<td>2</td>
<td>Reversible adverse effects in dermal tissue, Draize score: 2.3 &lt; 4.0 or persistent inflammation</td>
</tr>
<tr>
<td>Respiratory sensitizer</td>
<td>1</td>
<td>Respiratory sensitizer</td>
</tr>
<tr>
<td>Skin sensitizer</td>
<td>1</td>
<td>Skin sensitizer</td>
</tr>
<tr>
<td>Aquatic toxicity</td>
<td>C3</td>
<td>Acute toxicity &gt; 10.0 but &lt;= 100.0 mg/l and lack of rapid degradability and log Kow &gt;= 4 unless BCF &lt; 500 and unless chronic toxicity &gt; 1 mg/l</td>
</tr>
</tbody>
</table>

GHS Hazards

- H225 Highly flammable liquid and vapour
- H315 Causes skin irritation
- H317 May cause an allergic skin reaction
- H322 Harmful if inhaled
- H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled
- H412 Harmful to aquatic life with long lasting effects

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
- P264 Wash … thoroughly after handling
- P271 Use only outdoors or in a well-ventilated area
- P272 Contaminated work clothing should not be allowed out of the workplace
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>tert-Butyl acetate</td>
<td>540-88-5</td>
<td>20.00% - 30.00%</td>
</tr>
<tr>
<td>Inert</td>
<td></td>
<td>20.00% - 30.00%</td>
</tr>
<tr>
<td>SILICA AMORPHOUS</td>
<td>7631-86-9</td>
<td>10.00% - 20.00%</td>
</tr>
<tr>
<td>2-PROPANOL, 1-METHOXY, 2-ACETATE</td>
<td>108-65-6</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:** Flush with water for 15 minutes. Seek medical attention.

**Skin Contact:** Remove product and flush affected area with water for 15 minutes. If irritation persists, seek medical attention. Victims of major skin area contact should remain under medical observation for 24 hours.

**Ingestion:** Give 3-4 glasses of water or milk if the affected person is conscious. DO NOT INDUCE VOMITTING! Obtain medical care and treatment.

Section 5 - Fire Fighting Measures

**Flash Point:** -9 C (16 F)
Section 6 - Accidental Release Measures

Spill and Leak Procedures: Shut off all sources of ignition. Cover spills with absorbent. Place in metal containers for recovery or disposal. Prevent entry into sewers, storm drains, and waterways.

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>tert-Butyl acetate 540-88-5</td>
<td>TWA: 200 ppm 8 hours.</td>
<td>TWA: 200 ppm 8 hours.</td>
<td>Not Established</td>
</tr>
<tr>
<td></td>
<td>TWA: 950 mg/m³ 8 hours.</td>
<td>TWA: 950 mg/m³ 8 hours.</td>
<td></td>
</tr>
<tr>
<td>Inert</td>
<td>Not Established</td>
<td>Not Established</td>
<td>Not Established</td>
</tr>
<tr>
<td>SILICA AMORPHOUS 7631-86-9</td>
<td>Not Established</td>
<td>Not Established</td>
<td>Not Established</td>
</tr>
<tr>
<td>2-PROPANOL, 1-METHOXY, 2-ACETATE 108-65-6</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. Exhast air may need to be cleaned by scrubbers or filters to reduce enviromental contamination.

Respiratory Protection: None required in adequately ventilated areas. If concentration exceeds 20ppm for longer than 15 minutes, a NIOSH approved respirator for organic vapors is recommended.

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
### Section 10 - Stability and Reactivity

**Stability:**
- STABLE

**Incompatibilities/Conditions to avoid:** Oxidizing agents (peroxides, nitrates), acids. Avoid elevated temperatures.

**Hazardous Decomposition Products:** none known

Hazardous polymerization will not occur.

### Section 11 - Toxicological Information

**Mixture Toxicity**
- Inhalation Toxicity LC50: 24mg/L

**Component Toxicity**
- 540-88-5 tert-Butyl acetate
  - Oral LD50: 4,100 mg/kg (Rat)

- 7631-86-9 SILICA AMORPHOUS
  - Oral LD50: 5,000 mg/kg (Rat)
  - Inhalation LC50: 2,000 mg/m3 (Rat)

- 108-65-6 2-PROPANOL, 1-METHOXY, 2-ACETATE
  - Dermal LD50: 2,000 mg/kg (Rabbit)

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

### Section 12 - Ecological Information

**Component Ecotoxicity**
- tert-Butyl acetate
  - Acute LC50 327000 µg/l Fresh water
  - Fish - Pimephales promelas 96 hours

- SILICA AMORPHOUS
  - Fish Toxicity LC0 (96h) (static) 10000 mg/l (zebra fish) (OECD 203)
  - Water Flea Toxicity EC50 (24H) 1000 mg/l (Daphnia magna) (OECD 202)

- 2-PROPANOL, 1-METHOXY, 2-ACETATE
  - Toxicity to fish mortality LC50 - Salmo gairdneri - 100 - 180 mg/l - 96 h (OECD Test Guideline 203)
  - Toxicity to daphnia and other aquatic
invertebrates static test EC50 - Daphnia magna (Water flea) - > 500 mg/l - 48 h

Biodegradability Biotic/Aerobic - Exposure time 28 d Result: 83 % - Readily biodegradable (OECD Test Guideline 301F)

Biochemical Oxygen
Demand (BOD) 0.36 mg/l

Chemical Oxygen
Demand (COD) 1.74 mg/l

Section 13 - Disposal Considerations

Waste Disposal Methods: Incineration is preferred. Comply with all federal, state and local regulations. Chemical and/or biological degradation is feasible.

Section 14 - Transport Information

This material is classified for transport as follows:

Smith's Polyaspartic Gloss Part A is not regulated as a hazardous material per 49 CFR 173.120 (b) (3), ICAO, IMDG. Domestic shipping is non regulated as long as the product is not shipped in bulk.

<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

R2K List
108-65-6 2-PROPANOL, 1-METHOXY, 2-ACETATE

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