Section 1 - Chemical Product and Company Information

Product Name: Smith's Polyurethane WB Part B Gloss/Low Sheen  Product Code: SCS-POLYWB-B
Trade Name: Smith's Polyurethane WB Part B Gloss/Low Sheen
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>Hazard Category</th>
<th>Rating</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Inhalation Toxicity</td>
<td>2</td>
<td>Gases&gt;100++&lt;=500ppm, Vapors&gt;0.5++&lt;=2mg/l,</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Dusts&amp;mists&gt;0.05++&lt;=0.5mg/l</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>
</tbody>
</table>

GHS Hazards

H317 May cause an allergic skin reaction
H330 Fatal if inhaled
H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled

GHS Precautions

P261 Avoid breathing dust/fume/gas/mist/vapours/spray
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
P321 Specific treatment (see … on this label)
P363 Wash contaminated clothing before reuse
P302+P352 IF ON SKIN: Wash with soap and water
P304+P341 IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing
P333+P313 If skin irritation or a rash occurs: Get medical advice/attention
P342+P311 Call a POISON CENTER or doctor/physician
P501 Dispose of in accordance with all applicable local, state and federal regulations.

Signal Word: Danger
**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>HOMOPOLYMER OF HEXAMETHYLENE DIISOCYANATE</td>
<td>28182-81-2</td>
<td>80.00% - 90.00%</td>
</tr>
<tr>
<td>HOMOPOLYMER OF ISOPHORONE DIISOCYANATE</td>
<td>53880-05-0</td>
<td>11.00%</td>
</tr>
<tr>
<td>Polyoxyethylene Tridecyl Ether Phosphate</td>
<td>9046-01-9</td>
<td>1.00% - 5.00%</td>
</tr>
<tr>
<td>Dimethylcyclohexylamine</td>
<td>98-94-2</td>
<td>1.00% - 5.00%</td>
</tr>
</tbody>
</table>

**Section 4 - First Aid Measures**

**After inhalation:** Move the person away from the contaminated area. Fresh air and rest. Seek immediate medical advice. Show this sheet to the doctor.

**After eye contact:** Immediately rinse with plenty of running water for a prolonged period, (at least 15 minutes) while keeping the eyes wide open. If irritation persists, consult a doctor. Show this sheet to the doctor.

**After skin contact:** Wash with soap and water. Wash immediately and thoroughly for a prolonged period (at least 15 minutes). In case of inflammation (redness, irritation, ...) obtain medical attention. Place contaminated clothing in a sealed bag for disposal.

**After swallowing:** NEVER attempt to induce vomiting. Rinse mouth out with water. Do not give anything to drink. If necessary seek medical advice. Show this sheet to the doctor.

**Section 4 - First Aid Measures**

Flash Point: N/A

**Section 6 - Accidental Release Measures**

**Personal precautions, protective equipment and emergency procedures**
- Avoid contact with the eyes and skin.
- Do not breathe gas.
- Do NOT approach from DOWNWIND.
- Do NOT attempt to take action WITHOUT suitable protective equipment.
- Self-contained breathing apparatus.
- Wear fully protective suit.
- Mark out the contaminated area with signs and prevent access to unauthorized personnel.
- Keep people at a distance and stay upwind.

**Environmental precautions:**
- Contain the spilled material by binding.
- Do not allow to enter sewers/ surface or ground water.

**Methods and material for containment and cleaning up:**
- Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders).
- Pump up the product into a spare container suitably labelled.
- Wash contaminated area with large amounts of water.
Recover the cleaning water for subsequent disposal.
Dispose contaminated material as waste according to item 13.
Do not flush to drain. Spills may be reportable to the National Response Center (800-424-8802) and to state and/or local agencies.

Reference to other sections
- See Section 7 for information on safe handling.
- See Section 8 for information on personal protection equipment.
- See Section 13 for disposal information.

Section 7 - Handling and Storage

Precautions for safe handling:
- Ensure good ventilation/aspiration at the workplace.
- Avoid contact with water or humidity.
- Avoid any direct contact with the product.
- Any measure to eliminate exposure should be considered.
- Very high level of containment required, except for short term exposures e.g. taking samples (industrial use condition).
- Comply with instructions for use (refer to technical sheet).

Storage:
- The floor of the depot should be impermeable and designed to form a water-tight basin.
- Store in cool, dry conditions in well sealed receptacles.
- Store receptacle in a well ventilated area.
- Store away from incompatible materials.

Requirements to be met by storerooms and receptacles:
- Store only in unopened original receptacles.
- Metallic drums.
- Storage tank with a dry nitrogen blanket.
- Packaging materials recommended: Aluminium, Steel.
- Unsuitable material for receptacle: Copper.
- Unsuitable material for receptacle: Tin
- Suitable material for receptacle and pipe: epoxy-coated steel.
- Unsuitable material for receptacle: Polystyrene.

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>HOMOPOLYMER OF HEXAMETHYLENE DIISOCYANATE 28182-81-2</td>
<td>Not Established</td>
<td>Not Established</td>
<td>Not Established</td>
</tr>
<tr>
<td>HOMOPOLYMER OF ISOPHORONE DIISOCYANATE 53880-05-0</td>
<td>Not Established</td>
<td>Not Established</td>
<td>Not Established</td>
</tr>
<tr>
<td>Polyoxyethylene Tridecyl Ether Phosphate 9046-01-9</td>
<td>Not Established</td>
<td>Not Established</td>
<td>Not Established</td>
</tr>
<tr>
<td>Dimethylcyclohexylamine 98-94-2</td>
<td>Not Established</td>
<td>Not Established</td>
<td>Not Established</td>
</tr>
</tbody>
</table>
Protective gloves:
- The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation.
- Suitable materials also with prolonged, direct contact (protective index 6, corresponding > 480 minutes of permeation time): Butyl rubber, BR Protective gloves must be chosen according to the function of the work station: other chemicals which may be handled, physical protection necessary (resistance to cutting, puncture, heat), dexterity required.

Eye protection:
- Eye and face protection requirements will vary dependent upon work environment conditions and material handling practices. Appropriate ANSI Z87 approved equipment should be selected for the particular use intended for this material.
- Eye contact should be prevented through use of chemical safety glasses with side shields or splash proof goggles. An emergency eye wash must be readily accessible to the work area.

Body protection: Protective work clothing

**Section 9 - Physical and Chemical Properties**

This mixture typically exhibits the following properties under normal circumstance:

<table>
<thead>
<tr>
<th>Appearance</th>
<th>Liquid</th>
</tr>
</thead>
<tbody>
<tr>
<td>VOC</td>
<td>83.9 %</td>
</tr>
<tr>
<td>Specific Gravity (SG)</td>
<td>1.087</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Physical State</th>
<th>Liquid</th>
</tr>
</thead>
<tbody>
<tr>
<td>Boiling Point</td>
<td>160 ºC, 320 ºF</td>
</tr>
<tr>
<td>Lbs VOC/Gallon Less Water</td>
<td>0.00</td>
</tr>
</tbody>
</table>

**Section 10 - Stability and Reactivity**

Chemical stability: Stable at ambient temperature

STABLE

Possibility of hazardous reactions Reacts with:
- water and aqueous solutions.
- alcohols.
- amines.
- bases.
- protic solvents. with a great release of CO2, and hence a risk of a pressure build-up in confined areas, and forms an insoluble solid precipitate.
- Reacts with strong acids
- Reacts with strong oxidizing agents


Hazardous polymerization will not occur.

**Section 11 - Toxicological Information**

Mixture Toxicity
- Oral Toxicity LD50: 2,487mg/kg
- Inhalation Toxicity LC50: 1mg/L

Component Toxicity
- 28182-81-2 HOMOPOLYMER OF HEXAMETHYLENE DIISOCYANATE
  - Oral LD50: 2,500 mg/kg (Rat (female)) Inhalation LC50: 1 mg/L (Rat (male))
- 53880-05-0 HOMOPOLYMER OF ISOPHORONE DIISOCYANATE
  - Inhalation LC50: 5 mg/L (Rat)
- 9046-01-9 Polyoxyethylene Tridecyl Ether Phosphate
  - Oral LD50: 1,530 mg/kg (Rat) Dermal LD50: 2,740 mg/kg (Rabbit) Inhalation LC50: 850 mg/m3 (Rat)
98-94-2 Dimethylcyclohexylamine
Oral LD50: 289 mg/kg (Rat) Dermal LD50: 380 mg/kg (Rat)

Primary routes of entry: Inhalation, Skin contact

<table>
<thead>
<tr>
<th>CAS Number</th>
<th>Description</th>
<th>% Weight</th>
<th>Carcinogen Rating</th>
</tr>
</thead>
<tbody>
<tr>
<td>None</td>
<td>None</td>
<td></td>
<td>No Data Available</td>
</tr>
</tbody>
</table>

**Section 12 - Ecological Information**

The product does not have any known adverse effects on the aquatic organisms tested.

**Component Ecotoxicity**

**HOMOPOLYMER OF ISOPHORONE DIISOCYANATE**

LC50 Cyprinus carpio: > 1.5 mg/l / 96h
Method: OECD Test Guidline 203
In the range of water solubility not toxic under test conditions.

ErC50 Growth inhibition scenedesmus subspicatus: > 3.1 mg/l / 72h
Test substance: Isophoronediisocyanate, homopolymer
Method: OECD 201
The result refers to a 70% solution.

EC50 Activated sludge: > 1000 mg/l / 3h
Method: OECD 209
Nominal concentration

EC50 Daphnia magna (water flea): > 3.3 mg/l / 48h
Test substance: Isophoronediisocyanate, homopolymer
Method: OECD 202
The result refers to a 70% solution.

**Polyoxyethylene Tridecyl Ether Phosphate**

No data available.

**Dimethylcyclohexylamine**

The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

**Section 13 - Disposal Considerations**

**Waste treatment methods**

**Recommendation:**
- Discharging waste into rivers and drains is forbidden.
- Incinerate at a licensed installation.
- Disposal must be made according to federal, state and local regulations.

**Waste disposal key:** EPA Hazardous Waste - NO

**Uncleaned packagings:** Contaminated packaging materials must be disposed of in the same manner as the product.

**Recommendation:**
- Allow it to drain thoroughly.
- Thoroughly emptied and clean packagings may be recycled.
- Disposal must be made according to official regulations.

**Section 14 - Transport Information**
This material is classified for transport as follows:

<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>Not regulated as hazardous material</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>DOT</td>
<td>Not regulated as hazardous material</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>IATA</td>
<td>Not regulated as hazardous material</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>IMDG</td>
<td>Not regulated as hazardous material</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Section 15 - Regulatory Information**

**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: 5/22/2020