Section 1 - Chemical Product and Company Information

Product Name: Smith’s WB Poly B  Product Code: SCS-WBPOLYB
Trade Name: WB Poly 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** 3  Flash point >= 23°C and <= 60°C (140°F)
- **Inhalation Toxicity** Acute Tox. 4  Gases>2500+<=5000ppm, Vapors>10+<=20mg/l, Dusts&mists>1+<=5mg/l
- **Eye corrosive** 1  Serious eye damage: Irreversible damage 21 days after exposure, Draize score: Corneal opacity >= 3, Iritis > 1.5
- **Respiratory sensitizer** 1  Respiratory sensitizer
- **Skin sensitizer** 1  Skin sensitizer
- **Aquatic toxicity** C3  Acute toxicity > 10.0 but <= 100.0 mg/l and lack of rapid degradability and log Kow >= 4 unless BCF < 500 and unless chronic toxicity > 1 mg/l

**GHS Hazards**
- H226  Flammable liquid and vapour
- H317  May cause an allergic skin reaction
- H318  Causes serious eye damage
- H332  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
- P271  Use only outdoors or in a well-ventilated area
- P272  Contaminated work clothing should not be allowed out of the workplace
- P273  Avoid release to the environment
**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>028182-81-2</td>
<td>50.00% - 60.00%</td>
</tr>
<tr>
<td>Dipropylene Glycol Monomethyl Ether Acetate</td>
<td>88917-22-0</td>
<td>10.00% - 20.00%</td>
</tr>
<tr>
<td>HOMOPOLYMER OF ISOPHORONE DIISOCYANATE</td>
<td>53880-05-0</td>
<td>11.00%</td>
</tr>
<tr>
<td>Inert</td>
<td></td>
<td>5.00% - 10.00%</td>
</tr>
<tr>
<td>Butyl Acetate</td>
<td>123-86-4</td>
<td>5.00% - 10.00%</td>
</tr>
<tr>
<td>Dimethylcyclohexylamine</td>
<td>98-94-2</td>
<td>1.00% - 5.00%</td>
</tr>
<tr>
<td>Polyoxyethylene Tridecyl Ether Phosphate</td>
<td>9046-01-9</td>
<td>1.00% - 5.00%</td>
</tr>
</tbody>
</table>

**Section 4 - First Aid Measures**

**Inhalation:** Move to fresh air. If breathing remains or becomes labored, seek medical attention.

**Eye Contact:** Flush with water for 15 minutes. Seek medical attention.

**Skin Contact:** Wash with soap and water. If irritation persists, seek medical attention.

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

**General:** Remove affected person from area. Treat symptomatically.

**Section 5 - Fire Fighting Measures**

SCS-WBPOLYB

Reviewer Revision
Flash Point: 40 C (104 F)

LEL: UEL:

**Flammable Limits:**
**Extinguishing Media:** Water, CO2, Dry Chemical.
**Unusual Fire and Explosive Hazards:** Polymer film can burn, material can splatter above 100°C
**Hazardous Combustion Products:** CO, CO2

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

**Special Fire Fighting Procedures:** None likely with small quantities. For large quantities, firefighters and others exposed to vapors or products of combustion should wear butyl rubber boots, gloves, and body suit. Self-contained breathing apparatus should be worn.

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**Section 6 - Accidental Release Measures**

**Spill and Leak Procedures:** Cover spills with absorbent. Place in metal containers for recovery or disposal. Prevent entry into sewers, storm drains, and waterways.

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**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.

**Storage Requirements:** Store between 40°F and 100°F protected from frost and direct sunlight.

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**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 028182-81-2</td>
<td>Not Established</td>
<td>Not Established</td>
<td>Not Established</td>
</tr>
<tr>
<td>Dipropylene Glycol Monomethyl Ether Acetate 88917-22-0</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>Inert</td>
<td>Not Established</td>
<td>Not Established</td>
<td>Not Established</td>
</tr>
<tr>
<td>Butyl Acetate 123-86-4</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>
<tr>
<td>Polyoxyethylene Tridecyl Ether Phosphate 9046-01-9</td>
<td>Not Established</td>
<td>Not Established</td>
<td>Not Established</td>
</tr>
</tbody>
</table>

**Engineering Controls:** No specific controls needed. General and local exhaust recommended.

**Respiratory Protection:** None required in adequately ventilated areas. If vapor concentration exceeds 20 ppm 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**

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Liquid</td>
</tr>
<tr>
<td>Vapor Pressure</td>
<td>3.7 mmHg at 20°C</td>
</tr>
<tr>
<td>pH</td>
<td>Not Determined</td>
</tr>
<tr>
<td>Melting point</td>
<td>Not Determined</td>
</tr>
<tr>
<td>Solubility in water</td>
<td>Insoluble, reacts slowly with water to liberate CO2 Gas</td>
</tr>
<tr>
<td>Flash point</td>
<td>40°C</td>
</tr>
<tr>
<td>Explosive Limits</td>
<td>1.7%-7.6%</td>
</tr>
<tr>
<td>Odor Threshold</td>
<td>Not Determined</td>
</tr>
<tr>
<td>Vapor Density</td>
<td>Not Determined</td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>1.10-1.20</td>
</tr>
<tr>
<td>Freezing point</td>
<td>Not Determined</td>
</tr>
<tr>
<td>Boiling Point</td>
<td>&gt;127°C</td>
</tr>
<tr>
<td>Evaporation rate</td>
<td>1 (Butyl Acetate=1)</td>
</tr>
</tbody>
</table>

**Section 10 - Stability and Reactivity**

Stability: STABLE

Incompatibilities/Conditions to avoid: Avoid elevated temperatures and keep from freezing.

Hazardous Decomposition Products: None known

Hazardous polymerization will not occur.

**Section 11 - Toxicological Information**

**Mixture Toxicity**
- Oral Toxicity LD50: 2,847mg/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>028182-81-2</td>
<td>HOMOPOLYMER OF HEXAMETHYLENE DIISOCYANATE</td>
<td></td>
<td>None</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>
<tr>
<td>53880-05-0</td>
<td>HOMOPOLYMER OF ISOPHORONE DIISOCYANATE</td>
<td></td>
<td>None</td>
</tr>
<tr>
<td></td>
<td>Inhalation LC50: 5 mg/L (Rat)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>98-94-2</td>
<td>Dimethylcyclohexylamine</td>
<td></td>
<td>None</td>
</tr>
<tr>
<td></td>
<td>Oral LD50: 289 mg/kg (Rat) Dermal LD50: 380 mg/kg (Rat)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>9046-01-9</td>
<td>Polyoxyethylene Tridecyl Ether Phosphate</td>
<td></td>
<td>None</td>
</tr>
<tr>
<td></td>
<td>Oral LD50: 1,530 mg/kg (Rat) Dermal LD50: 2,740 mg/kg (Rabbit) Inhalation LC50: 850 mg/m3 (Rat)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Carcinogenic Data: NTP: None OSHA: None IARC: None

**Section 12 - Ecological Information**

Acute Toxicity to Aquatic Invertebrates: EC50 (48h): 70.7 mg/l, Daphnia Magna (Water Flea),
Acute Toxicity to Algae/Aquatic Plants: Not Determined

Toxicity to Bacteria: EC50: >10,000 mg/l Activated Sludge

Persistence and Degradability
Biodegradability: Not readily biodegradable
Biodegradation: 60%
Exposure time: 28 days
Method: OECD Test Guidline 302B or equivalent

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 Acitivated 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.

Butyl Acetate
LC50 Fathead minnow (Pimephales promelas) 17-19 mg/l, 96h

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.

Polyoxyethylene Tridecyl Ether Phosphate
No data available.

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**Section 13 - Disposal Considerations**

**Waste Disposal Methods:** Not a hazardous waste by RCRA criteria (40 CFR 261). Place in an appropriate disposal facility in compliance with all federal, state and local regulations.

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**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>DOT</td>
<td>Resin Solution, Flammable</td>
<td>UN1866</td>
<td>III</td>
<td>3</td>
</tr>
<tr>
<td>IATA</td>
<td>Resin Solution, Flammable</td>
<td>UN1866</td>
<td>III</td>
<td>3</td>
</tr>
<tr>
<td>ADR/RID</td>
<td>Resin Solution, Flammable</td>
<td>UN1866</td>
<td>III</td>
<td>3</td>
</tr>
<tr>
<td>IMDG</td>
<td>Resin Solution, Flammable</td>
<td>UN1866</td>
<td>III</td>
<td>3</td>
</tr>
</tbody>
</table>

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**Section 15 - Regulatory Information**

**State of California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65):** WARNING!
This product contains the following chemicals which are listed by the State of California as carcinogenic or a reproductive toxin:
R2K List
123-86-4 Butyl Acetate

Section 16 - Other Information

Hazardous Material Information System (HMIS)

<table>
<thead>
<tr>
<th>HEALTH</th>
<th>FLAMMABILITY</th>
<th>PHYSICAL HAZARD</th>
<th>PERSONAL PROTECTION</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

2 2 1 0

HMIS & NFPA Hazard Rating

Legend
0 = INSIGNIFICANT
1 = SLIGHT
2 = MODERATE
3 = HIGH

* = Chronic Health Hazard

National Fire Protection Association (NFPA)

Flammability

Health

Instability

Special

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: 12/16/2015