



## Safety Data Sheet

### 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

Chemtec  
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 $\geq 23^{\circ}\text{C}$ and $\leq 60^{\circ}\text{C}$ (140°F)
Inhalation Toxicity	Acute Tox. 4	Gases $>2500$ and $\leq 5000$ ppm, Vapors $>10$ and $\leq 20$ mg/l, Dusts & mists $>1$ and $\leq 5$ mg/l
Eye corrosive	1	Serious eye damage: Irreversible damage 21 days after exposure, Draize score: Corneal opacity $\geq 3$ , Iritis $> 1.5$
Respiratory sensitizer	1	Respiratory sensitizer
Skin sensitizer	1	Skin sensitizer
Aquatic toxicity	C3	Acute toxicity $> 10.0$ but $\leq 100.0$ mg/l and lack of rapid degradability and log Kow $\geq 4$ 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

P280	Wear protective gloves/protective clothing/eye protection/face protection
P285	In case of inadequate ventilation wear respiratory protection
P310	Immediately call a POISON CENTER or doctor/physician
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
P304+P340	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
P304+P341	IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing
P305+P351+P338	IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing
P333+P313	If skin irritation or a rash occurs: Get medical advice/attention
P342+P311	Call a POISON CENTER or doctor/physician
P370+P378	In case of fire: Use ... for extinction
P403+P235	Store in a well ventilated place. Keep cool
P501	Dispose of contents/container to ...

Signal Word: Danger



### Section 3 - Composition / Information on Ingredients

Chemical Name	CAS number	Weight Concentration %
HOMOPOLYMER OF HEXAMETHYLENE DIISOCYANATE	028182-81-2	50.00% - 60.00%
Dipropylene Glycol Monomethyl Ether Acetate	88917-22-0	10.00% - 20.00%
HOMOPOLYMER OF ISOPHORONE DIISOCYANATE	53880-05-0	11.00%
	Inert	5.00% - 10.00%
Butyl Acetate	123-86-4	5.00% - 10.00%
Dimethylcyclohexylamine	98-94-2	1.00% - 5.00%
Polyoxyethylene Tridecyl Ether Phosphate	9046-01-9	1.00% - 5.00%

### 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

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.

### 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.

### 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.

### Section 8 - Exposure Controls / Personal Protection

Chemical Name / CAS No.	OSHA Exposure Limits	ACGIH Exposure Limits	Other Exposure Limits
HOMOPOLYMER OF HEXAMETHYLENE DIISOCYANATE 028182-81-2	Not Established	Not Established	Not Established
Dipropylene Glycol Monomethyl Ether Acetate 88917-22-0	Not Established	Not Established	Not Established
HOMOPOLYMER OF ISOPHORONE DIISOCYANATE 53880-05-0	Not Established	Not Established	Not Established
Inert	Not Established	Not Established	Not Established
Butyl Acetate 123-86-4	Not Established	Not Established	Not Established
Dimethylcyclohexylamine 98-94-2	Not Established	Not Established	Not Established
Polyoxyethylene Tridecyl Ether Phosphate 9046-01-9	Not Established	Not Established	Not Established

**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

<b>Appearance:</b> Liquid <b>Vapor Pressure:</b> 3.7 mmHg at 20°C <b>pH:</b> Not Determined <b>Melting point:</b> Not Determined <b>Solubility in water:</b> Insoluble, reacts slowly with water to liberate CO2 Gas <b>Flash point:</b> 40°C <b>Explosive Limits:</b> 1.7%-7.6%	<b>Odor Threshold:</b> Not Determined <b>Vapor Density:</b> Not Determined <b>Specific Gravity:</b> 1.10-1.20 <b>Freezing point:</b> Not Determined <b>Boiling Point:</b> >127°C <b>Evaporation rate:</b> 1 (Butyl Acetate=1)
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## 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**

028182-81-2	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)
98-94-2	Dimethylcyclohexylamine Oral LD50: 289 mg/kg (Rat) Dermal LD50: 380 mg/kg (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)

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

<u>CAS Number</u>	<u>Description</u>	<u>% Weight</u>	<u>Carcinogen Rating</u>
None			No Data Available

## 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 guideline 302B or equivalent

Component Ecotoxicity

HOMOPOLYMER OF

ISOPHORONE DIISOCYANATE

LC50 Cyprinus carpio: > 1.5 mg/l / 96h

Method: OECD Test Guideline 203

In the range of water solubility not toxic under test conditions.

ErC50 Growth inhibition scenedesmus subspicatus: > 3.1 mg/l / 72h

Test substance: Isophoronediiisocyanate, 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: Isophoronediiisocyanate, 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.

### 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.

### Section 14 - Transport Information

This material is classified for transport as follows:

<u>Agency</u>	<u>Proper Shipping Name</u>	<u>UN Number</u>	<u>Packing Group</u>	<u>Hazard Class</u>
DOT	Resin Solution, Flammable	UN1866	III	3
IATA	Resin Solution, Flammable	UN1866	III	3
ADR/RID	Resin Solution, Flammable	UN1866	III	3
IMDG	Resin Solution, Flammable	UN1866	III	3

### 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:

- None

**R2K List**

123-86-4 Butyl Acetate

**Section 16 - Other Information**

**Hazardous Material Information System (HMIS)**

HEALTH	<input type="text" value="2"/>
FLAMMABILITY	<input type="text" value="2"/>
PHYSICAL HAZARD	<input type="text" value="1"/>
PERSONAL PROTECTION	<input type="text"/>

**HMIS & NFPA Hazard Rating**

**Legend**

\* = Chronic Health Hazard

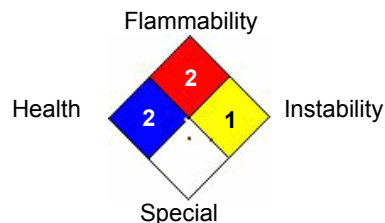
0 = INSIGNIFICANT

1 = SLIGHT

2 = MODERATE

3 = HIGH

**National Fire Protection Association (NFPA)**



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