



Safety Data Sheet

SECTION 1 - Chemical Product and Company Information

Product Name: Smith's Poly-WB+ LS Part B

Trade Name: Poly-WB+ Low Sheen - Part B

Manufactured by:
Smith Paint Products
2200 Paxton Street
Harrisburg, PA 17111
(800) 466-8781

Product Code: SCS-POLYWB-LS-B

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

Emergency Hot Line:
(800) 424-9300

Product Use: Industrial maintenance coating

Not recommended for: Consumer use

SECTION 2 - Hazards Identification

GHS Ratings:

Acute Toxicity - Inhalation	4	Gases >2500+< = 20000 ppm, Vapors >10+< = 20 mg/L, Dusts & mists >1+< = 5 mg/L
Skin corrosion/irritation	2	Reversible adverse effects in dermal tissue, Draize score: >= 2.3 < 4.0 or persistent inflammation
Serious eye damage/eye irritation	1	Serious eye damage: Irreversible damage 21 days after exposure, Draize score: Corneal opacity >= 3, Iritis > 1.5
Skin sensitization	1	Skin sensitizer
Specific target organ toxicity single exposure	3	Transient target organ effects - Narcotic effects- Respiratory tract irritation
Chronic 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

H315	Causes skin irritation
H317	May cause an allergic skin reaction
H318	Causes serious eye damage
H332	Harmful if inhaled
H335	May cause respiratory irritation
H412	Harmful to aquatic life with long lasting effects

GHS Precautions

P260	Do not breathe dust / fume / gas / mist / vapors / spray
P273	Avoid release to the environment
P280	Wear protective gloves / protective clothing / eye protection / face protection
P302+P352	IF ON SKIN: Wash with plenty of soap and water
P304+P340	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
P403+P233	Store in a well-ventilated place. Keep container tightly closed
P501	Dispose of contents/container in accordance with local / regional / national / international regulations

Signal Word: Danger



SECTION 3 - Composition / Information on Ingredients

Chemical Name	CAS number	Weight Concentration %
Hexamethylene diisocyanate	28182-81-2	90.00% - 100.00%
Polyoxyethylene tridecyl ether phosphate	9046-01-9	1.00% - 5.00%
Cyclohexyldimethylamine	98-94-2	0.10% - 1.00%
Hexamethylene-1-6-diisocyanate	822-06-0	0.10% - 1.00%

SECTION 4 - First Aid Measures

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

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.

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.

Ingestion: 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 5 - Fire Fighting Measures

Flash Point: 160°C (320°F)

LEL:

UEL:

Suitable extinguishing agents: Foam Powders Carbon dioxide Dry chemical ·

For safety reasons unsuitable extinguishing agents: Water

Combustible. During combustion toxic vapors are released. Under fire conditions, corrosive fumes are emitted: oxides of nitrogen oxides of carbon. Reacts with water releasing large amounts of carbon dioxide which may cause pressure build-up in confined spaces.

Firefighters should wear NIOSH/MSHA approved self-contained breathing apparatus and full protective clothing.

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 act 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 labeled
- 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: Aluminum, 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

CHEMICAL NAME / CAS No.	OSHA Exposure Limits	ACGIH Exposure Limits	Other Exposure Limits
Hexamethylene diisocyanate 28182-81-2	Not Established	Not Established	Not Established
Polyoxyethylene tridecyl ether phosphate 9046-01-9	Not Established	Not Established	Not Established
Dimethylcyclohexylamine 98-94-2	Not Established	Not Established	Not Established
Hexamethylene-1-6-diisocyanate 822-06-0	Not Established	0.005 ppm TWA	NIOSH: 0.005 ppm TWA; 0.035 mg/m ³ TWA 0.020 ppm Ceiling (10 min); 0.140 mg/m ³ Ceiling (10 min)

Protective gloves:

- The glove material must 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:

<p>Physical State: Liquid</p> <p>Odor: None</p> <p>Melting point/freezing point: Not available</p> <p>Flammability: Not available</p> <p>Flash point: 160°C</p> <p>Decomposition temperature: Not available</p> <p>Dynamic viscosity: 1400 cP</p> <p>Partition coefficient n-octanol/water: Not available</p> <p>Relative density: 1.15</p> <p>Particle characteristics: Not available</p>	<p>Color: Clear</p> <p>Odor threshold: Not available</p> <p>Boiling point or initial boiling point and range: 162°C</p> <p>Lower and upper explosion limit: N/A</p> <p>Auto-ignition temperature: 215°C</p> <p>pH: 11.5 - 12.5</p> <p>Solubility: Reacts with water</p> <p>Vapor pressure: 0.027 mmHg</p> <p>Relative vapor density: 5.8</p>
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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

No Data Available

Hazardous decomposition products: On thermal decomposition (pyrolysis) releases: Toxic gases. Nitrogen oxides
Carbon oxides (CO + CO₂)

No Data Available

Hazardous polymerization will not occur.

SECTION 11 - Toxicological Information

Mixture Toxicity

Oral Toxicity LD50: 2,281 mg/kg

Dermal Toxicity LD50: 1,948 mg/kg

Inhalation Toxicity LC50: 8 mg/L

Component Toxicity

28182-81-2

Hexamethylene diisocyanate

Oral LD50: 2,500 mg/kg (Rat (female)) Dermal LD50: 2,000 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)

98-94-2

Dimethylcyclohexylamine

Oral LD50: 272 mg/kg (Rat) Dermal LD50: 400 mg/kg (Rat) Inhalation LC50: 1,700 mg/m³ (Rat)

822-06-0

Hexamethylene-1-6-diisocyanate

Oral LD50: 738 mg/kg (Rat) Inhalation LC50: 0 mg/L (Rat)

Primary routes of entry: Inhalation, Skin contact

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

SECTION 12 - Ecological Information

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

Component Ecotoxicity

Polyoxyethylene tridecyl ether phosphate

No data available

Dimethylcyclohexylamine

EC50 48 h Daphnia magna Straus 75 mg/L (IUCLID)
EC50 72 h Desmodesmus subspicatus 0.309 mg/L (IUCLID); EC50 96 h
Desmodesmus subspicatus 0.0885 mg/L (IUCLID)

Hexamethylene-1-6-diisocyanate

LC50 96 h Brachydanio rerio 26.1 mg/L (IUCLID)

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

Recommendation:

- Allow it to drain thoroughly.
- Thoroughly emptied and clean packaging may be recycled.
- Disposal must be made according to official 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>
ADR/RID	Not regulated as hazardous material			
DOT	Not regulated as hazardous material			
IATA	Not regulated as hazardous material			
IMDG	Not regulated as hazardous material			

SECTION 15 - Regulatory Information

The state of California Safe Drinking Water and Toxic Enforcement Act of 1986 "Proposition 65" Warning, this product can expose you to chemicals which are known to the state of California to cause cancer. For more information go to www.p65warnings.ca.gov.

No Data Available

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:

No Data Available

R2K List

28182-81-2 Hexamethylene diisocyanate

<u>Country</u>	<u>Regulation</u>	<u>All Components Listed</u>
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Toxic Substances Control Act (TSCA): All chemicals except those listed below appear in the Toxic Substances Control Act Chemical Substance Inventory:

No Data Available

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act, and Title 40 of the Code of Federal

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.

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