Smith Paint Products

Safety Data Sheet

Section 1 - Chemical Product and Company Information

Product Name: Smith's Polyaspartic 5000$_{LO}$ Part B

Product Code: SCS-ASP5000B

Trade Name: Polyaspartic 5000$_{LO}$ Part 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

Product Use: Industrial Maintenance Coating
Not recommended for: Refer to Product Data Sheet

Section 2 - Hazards Identification

GHS Ratings:

Acute Toxicity - Inhalation	4	Gases>2500+<=20000ppm, Vapors>10+<=20mg/l, Dusts&mists>1+<=5mg/l
Respiratory sensitization	1	Respiratory sensitizer
Skin sensitization	1	Skin sensitizer

GHS Hazards

H317	May cause an allergic skin reaction.
H332	Harmful if inhaled
H334	May cause allergy or asthma symptoms or breathing difficulties if inhaled

GHS Precautions

P261	Avoid breathing dust/fume/gas/mist/vapors/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 supplemental first aid instruction on this label).
P363	Wash contaminated clothing before reuse.
P302+P352	IF ON SKIN: Wash with plenty of soap and water.
P333+P313	If skin irritation or rash occurs: Get medical advice/attention.
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%

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: Stain for evidence of corneal injury. If cornea is burned, instill antibiotic/steroid preparation as needed. Vapors in the workplace could produce reversible corneal epithelial edema impairing vision.

Skin Contact: This compound is a skin sensitizer. Treat symptomatically as for contact dermatitis or thermal bur.

Ingestion: Treat symptomatically. There is no specific antidote. Inducing vomitting is contraindicated because of the irritating nature of this compound.

Section 5 - Fire Fighting Measures

Flash Point: > 120°C (>248°F)
LEL: **UEL:**

Flammable Limits:
Extinguishing Media: Ignition may give rise to a class B fire. In case of fire use: Water Fog, Carbon Dioxide, Dry Chemical, Alcohol Foam.

Unusual Fire and Explosion Hazards: May generate toxic or irritating combusion products. Sudden reaction and fire may result if product is mixed with an oxidizing agent. Solvent vapors may be heavier than air. Under conditions of stagnant air, vapors bay build up and travel along the ground to an ignition source.

Hazardous Combustion Products: CO, CO2, Aldehydes, Acids

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

Section 6 - Accidental Release Measures

Spill and Leak Procedures: Evacuate non-essential personnel. Shut off all sources of ignition. Put on personal protective equipment. Control the source of the leak and ventilate. Contain the spill to prevent spread to drains, sewers, water supplies and soil. Pour decontainationsolution over spill and allow to react for at least 15 minutes. Collect material in open containers with further amounts of decontamination solution. Wash down spill area with decontamination solution.

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

Chemical Name / CAS No.	OSHA Exposure Limits	ACGIH Exposure Limits	Other Exposure Limits
Hexamethylene Diisocyanate 28182-81-2	Not Established	Not Established	Not Established

Engineering Controls: Exhaust ventilation sufficient to keep airborne concentration of the solvents below their respective TLV's Exhaust air may need to be cleaned by scrubbers or filters to reduce enviromental contamination .

Respiratory Protection: A respirator that is recommended for use in isocyante containing enviroments (air purifying or fresh air supplied) may be necessary for spray applications or other situations such as high temperature use which may produce inhalation exposures. A supplied air respirator (either positive pressure type or continuous flow type) is recommended. Before an air purifying respirator can be used, air monitoring must be performed to determine the airborne concentrations of HDI Monomer, HDI Polyisocyanate and organic solvents .

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

Appearance: Liquid	**Odor:** Nil
pH: NA	**Lb/Gal:** 9.43 lbs
Specific Gravity (SG): 1.13 SG	**% Weight Solids:** 100.00%
% Volume Solids: 100.00	**%VOC:** 0.00%
g/L VOC: 0 g/L	**g/L VOC-less water:** 0 g/L
Viscosity: NA	**Flash Point:** >248°F,>120°C

Section 10 - Stability and Reactivity

Stability: Stable, however may form peroxides of unknown stability.
STABLE

Incompatibilities/Materials to avoid: water, amines, stong bases, alcohols, metal compounds and surface active materials.
No Data Available

Hazardous Decomposition: By high heat and fire; CO, CO2, oxides of nitrogen, HCN, HDI.

No Data Available

Hazardous polymerization will not occur.

Section 11 - Toxicological Information

Mixture Toxicity

Oral Toxicity LD50: 2,506 mg/kg
Dermal Toxicity LD50: 2,005 mg/kg
Inhalation Toxicity LC50: 19 mg/L

Component Toxicity

28182-81-2 Hexamethylene Diisocyanate
Oral LD50: 2,500 mg/kg (Rat (female)) Dermal LD50: 2,000 mg/kg (Rat)

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

CAS Number	Description	% Weight	Carcinogen Rating
None			No Data Available

Section 12 - Ecological Information

Component Ecotoxicity

Section 13 - Disposal Considerations

Waste Disposal Methods: Incineration is preferred. Comply with all federal, state and local regulations. RCRA classified hazardous waste with characteristic of ignitability.

Section 14 - Transport Information

This material is classified for transport as follows:

Agency	Proper Shipping Name	UN Number	Packing Group	Hazard Class
ADR/RID	Not Regulated			
DOT	Not Regulated			
IATA	Not Regulated			
IMDG	Not Regulated			

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

Country	Regulation	All Components Listed
No Data Available		

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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