



Safety Data Sheet

Section 1 - Chemical Product and Company Information

Product Name: Smith's Polyaspartic Low Sheen Part B Product Code: SCS ASP 3550

Trade Name: Polyaspartic Low Sheen 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	2	Flash point < 23°C (73°F) and initial boiling point > 35°C (95°F)
Respiratory sensitizer	1	Respiratory sensitizer
Skin sensitizer	1	Skin sensitizer

GHS Hazards

H225	Highly flammable liquid and vapour
H317	May cause an allergic skin reaction
H334	May cause allergy or asthma symptoms or breathing difficulties if inhaled

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
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
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+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
P370+P378	In case of fire: Use CO ₂ , dry chemical, or foam for extinction
P403+P235	Store in a well-ventilated place. Keep container tightly closed

Signal Word: Danger

Section 3 - Composition / Information on Ingredients

Chemical Name	CAS number	Weight Concentration %
tert-Butyl acetate	540-88-5	30.00% - 60.00%
HOMOPOLYMER OF HEXAMETHYLENE DIISOCYANATE	28182-81-2	30.00% - 60.00%

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 burn.

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

Section 5 - Fire Fighting Measures

Flash Point: 22 C (72 F)

LEL: 1.00

UEL: 7.00

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 combustion 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 may 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 decontamination solution 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
tert-Butyl acetate 540-88-5	200 ppm TWA; 950 mg/m ³ TWA	150 ppm STEL (listed under Butyl acetates, all isomers) 50 ppm TWA (listed under Butyl acetates, all isomers)	NIOSH: 200 ppm TWA; 950 mg/m ³ TWA
HOMOPOLYMER OF 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 environmental contamination.

Respiratory Protection: A respirator that is recommended for use in isocyanate containing environments (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 Density: 0.968 g/mL or 8.14 lbs/gal %VOC by weight: 0% g/L VOCs: 0	Odor: Solvent Odor Flash point: 22°C / 72°F %Solid by weight: 43.11%
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Section 10 - Stability and Reactivity

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

Incompatibilities/Materials to avoid: water, amines, strong bases, alcohols, metal compounds and surface active materials.

Hazardous Decomposition: By high heat and fire; CO, CO₂, oxides of nitrogen, HCN, HDI.
Hazardous polymerization will not occur.

Section 11 - Toxicological Information

Mixture Toxicity

Oral Toxicity LD50: 3,213mg/kg

Inhalation Toxicity LC50: 100mg/L

Carcinogenic Data: NTP: None OSHA: None IARC: None**Section 12 - Ecological Information****Component Ecotoxicity**

tert-Butyl acetate

LC50 96 h Pimephales promelas 296 - 362 mg/L (EPA)

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:

<u>Agency</u>	<u>Proper Shipping Name</u>	<u>UN Number</u>	<u>Packing Group</u>	<u>Hazard Class</u>
ADR/RID	Resin Solution, Flammable	UN 1866	III	3
DOT	Resin Solution, Flammable	UN 1866	III	3
IATA	Resin Solution, Flammable	UN 1866	III	3
IMDG	Resin Solution, Flammable	UN 1866	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:

No Data Available

R2K List

28182-81-2 HOMOPOLYMER OF HEXAMETHYLENE DIISOCYANATE

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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