Safety Data Sheet

Section 1 - Chemical Product and Company Information

Product Name: Smith's Polyaspartic Gloss Part B Product Code: SCS ASP 1000, 2000, 3000

Trade Name: Polyaspartic Gloss 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. 2	Gases>100+<=500ppm, Vapors>0.5+<=2mg/l, Dusts&mists>0.05+<=0.5mg/l
Respiratory sensitizer	1	Respiratory sensitizer
Skin sensitizer	1	Skin sensitizer

GHS Hazards

H226	Flammable liquid and vapour
H317	May cause an allergic skin reaction
H330	Fatal if inhaled
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
P260	Do not breathe dust/fume/gas/mist/vapours/spray
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
P280	Wear protective gloves/protective clothing/eye protection/face protection
P284	Wear respiratory protection
P285	In case of inadequate ventilation wear respiratory protection
P310	Immediately call a POISON CENTER or doctor/physician
P320	Specific treatment is urgent (see … on this label)
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
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
P405	Store locked up
P403+P233	Store in a well ventilated place. Keep container tightly closed
P403+P235	Store in a well ventilated place. Keep cool
P501	Dispose of in accordance with all applicable local, state and federal regulations.

Signal Word: Danger

Section 3 - Composition / Information on Ingredients

Chemical Name	CAS number	Weight Concentration %
PARACHLOROBENZOTRIFLUORIDE	98-56-6	60.00% - 70.00%
HOMOPOLYMER OF HEXAMETHYLENE DIISOCYANATE	28182-81-2	30.00% - 40.00%
	Inert	1.00% - 5.00%

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 vomitting is contraindicated because of the irritating nature of this compound.

Section 5 - Fire Fighting Measures

Flash Point: 44 C (111 F)

LEL: 1.00 UEL: 11.00

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 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 decontaination 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
PARACHLOROBENZOTRIFLUORIDE 98-56-6	None established	None established.	Not Established
HOMOPOLYMER OF HEXAMETHYLENE DIISOCYANATE 28182-81-2	Not Established	Not Established	Not Established
Inert	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:** Aromatic solvent odor
Vapor Pressure: 3.7mmHg @ 20°C	**Odor threshold:** Not Determined

Vapor Density: 2.4	**Specific Gravity:** 1.10
Melting point: Not Determined	**Solubility in water:** Insoluble
Boiling point: >79.6°C	**Flash point:** 111 F,44 C
Evaporation rate: >1 (butyl acetate = 1)	**Explosive Limits:** 1.8% - 10.0%
Coefficient of water: Not Determined	**Autoignition temperature:** Not Determined

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.

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

Section 11 - Toxicological Information

Mixture Toxicity
Inhalation Toxicity LC50: 2mg/L

Component Toxicity

98-56-6	PARACHLOROBENZOTRIFLUORIDE Dermal LD50: 3,300 mg/kg (Rabbit) Inhalation LC50: 33 mg/L (Rat)
28182-81-2	HOMOPOLYMER OF HEXAMETHYLENE DIISOCYANATE Oral LD50: 2,500 mg/kg (Rat (female)) Inhalation LC50: 1 mg/L (Rat (male))

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

CAS Number	Description	% Weight	Carcinogen Rating
None			No Data Available

Section 12 - Ecological Information

Component Ecotoxicity

PARACHLOROBENZOTRIFLUORIDE	Ecotoxicity Toxicity to fish LC 50 (Danio rerio (zebra fish)): 3 mg/l Exposure time: 96 h Test Type: semi-static test Method: OECD Test Guidline 203 GLP: yes Toxicity to daphnia and other aquatic invertebrates IC 50 (Daphnia magna (Water flea)): 2 mg/l Exposure time: 48 h Test Type: semi-static test Method: OECD Test Guidline 202 GLP: yes Toxicity to algae EC50 (Pseudokirchneriella subcapitata): > 0.41 mg/l End point: Growth rate Exposure time: 72 h Test Type: static test Method: OECD Test Guidline 201

GLP: yes
Remarks: No data available
M-Factor (acute aquatic toxicity) 1
Ecotoxicology Assessment Acute aquatic toxicity Very toxic to aquatic life .
Chronic aquatic toxicity Very toxic to aquatic life with long lasting effects.
Persistance and degradability
Biodegradability aerobic
Inoculum: Activated sludge, domestic, non-adapted
Result: Not readily biodegradable.
Biodegradation: 19.2 %
Exposure time: 28d
Method: OECD Test Guideline 301D
GLP: yes
Bioaccumulative Potential
Partition coefficient: Pow: 5,030 (25°C)
n-octanol/water log Pow: 3.7 (25°C)
Product:
Regulation 40 CFR Protection of Enviroment; Part 82 Protection of Stratospheric Ozone - CAA Section 602 Class I Substances
Remarks This product neither contains, nor was manufactured with a Class I or Class II ODS as defined by the U.S.
Clean Air Act Section 602 (40 CFR 82, Subpt. A, App. A+B).
Additional ecological information An enviromental hazard cannot be excluded in the event of unprofessional handling or disposal. Very toxic to aquatic life with long lasting effects.

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:

Smith's Polyaspartic Gloss Part B is not regulated as a hazardous material per 49 CFR 173. 120 (a) (3), ICAO/IATA 3.3.1.3 (a) , IMDG 2.3.1.3 (1) , and ADR 2.2.3.1.1 NOTE 1.

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

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

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.

Date Prepared: 12/2/2016