



Safety Data Sheet

Section 1 - Chemical Product and Company Information

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

Trade Name: Polyaspartic Gloss A

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 4 Flash point $\geq 60^{\circ}\text{C}$ (140°F) and $\leq 93^{\circ}\text{C}$ (200°F)

GHS Hazards

H227 Combustible liquid

GHS Precautions

P210 Keep away from heat/sparks/open flames/hot surfaces – No smoking
P235 Keep cool
P280 Wear protective gloves/protective clothing/eye protection/face protection
P370+P378 In case of fire: Use CO₂, dry chemical, or foam for extinction
P403+P235 Store in a well-ventilated place. Keep container tightly closed
P501 Dispose of in accordance with all applicable local, state and federal regulations.

Signal Word: Warning



Section 3 - Composition / Information on Ingredients

Chemical Name	CAS number	Weight Concentration %
ASPARTIC ACID ESTER	136210-32-7	30.00% - 60.00%

TETRAETHYL-N,N-(METHYLENEDICYCLOHEXANE-4,1-DIYL)BIS-DL-ASPARTATE	136210-30-5	15.00% - 40.00%
PARACHLOROBENZOTRIFLUORIDE	98-56-6	20.00%
DIETHYL FUMARATE	623-91-6	1.00% - 5.00%
2-methoxy-1-methylethyl acetate	108-65-6	0.10% - 1.00%
Xylene isomers	1330-20-7	0.10% - 1.00%

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: Flush with water for 15 minutes. Seek medical attention.

Skin Contact: Remove product and flush affected area with water for 15 minutes. If irritation persists, seek medical attention. Victims of major skin area contact should remain under medical observation for 24 hours.

Ingestion: Give 3-4 glasses of water or milk if the affected person is conscious. DO NOT INDUCE VOMITTING!
Obtain medical care and treatment.

Section 5 - Fire Fighting Measures

Flash Point: 63 C (145 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 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: Shut off all sources of ignition. 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. 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
-------------------------	----------------------	-----------------------	-----------------------

ASPARTIC ACID ESTER 136210-32-7	Not Established	Not Established	Not Established
TETRAETHYL-N,N- (METHYLENEDICYCLOHEX ANE-4,1-DIYL)BIS-DL- ASPARTATE 136210-30-5	Not Established	Not Established	Not Established
PARACHLOROBENZOTRIFL UORIDE 98-56-6	None established	None established.	Not Established
DIETHYL FUMARATE 623-91-6	Not Established	Not Established	Not Established
2-methoxy-1-methylethyl acetate 108-65-6	Not Established	Not Established	Not Established
Xylene isomers 1330-20-7	No ingredient of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.	No ingredient of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.	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: None required in adequately ventilated areas. If concentration exceeds 20ppm 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

<p>Appearance: Liquid</p> <p>Vapor Pressure: 3.7 mmHg @ 20°C</p> <p>Vapor Density: 2.4</p> <p>Specific Gravity: 1.10</p> <p>Freezing point: Not Determined</p> <p>Boiling point: >79.6°C</p> <p>Evaporation rate: >1 (butyl acetate = 1)</p> <p>Coefficient of water: Not Determined</p>	<p>Odor: Solvent Odor</p> <p>Odor threshold: Not Determined</p> <p>pH: Not Applicable</p> <p>Melting point: Not Determined</p> <p>Solubility in water: Insoluble</p> <p>Flash point: 145°F,63°C</p> <p>Explosive Limits: 1.8% - 10.0%</p> <p>Autoignition temperature: Not Determined</p>
--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

Section 10 - Stability and Reactivity

Stability:

STABLE

Incompatibilities/Conditions to avoid: Oxidizing agents (peroxides, nitrates), acids. Avoid elevated temperatures.

Hazardous Decomposition Products: none known

No Data Available

Hazardous polymerization will occur.

Section 11 - Toxicological Information

Mixture Toxicity

Inhalation Toxicity LC50: 165mg/L

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

Section 12 - Ecological Information

Component Ecotoxicity

PARACHLOROBENZOTRIFLUORI
DE

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 Guideline 203

GLP: yes

Toxicity to IC 50 (Daphnia magna (Water flea)): 2 mg/l

daphnia and Exposure time: 48 h

other aquatic Test Type: semi-static test

invertebrates Method: OECD Test Guideline 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 Guideline 201

GLP: yes

Remarks: No data available

M-Factor (acute 1

aquatic toxicity)

Ecotoxicology

Assessment Acute

aquatic toxicity Very toxic to aquatic life .

Chronic aquatic

toxicity Very toxic to aquatic life with long lasting effects .

Persistence 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 Environment; 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 environmental hazard cannot be excluded in the event of unprofessional handling or disposal. Very toxic to aquatic life with long lasting effects.

2-methoxy-1-methylethyl acetate

Toxicity to fish : LC50 (Pimephales promelas (fathead minnow)): 161 mg/l
Exposure time: 96 h
Toxicity to daphnia and other aquatic invertebrates : LC50 (Daphnia): 408 mg/l
Exposure time: 48 h
Toxicity to algae/aquatic plants : EC50 (Selenastrum capricornutum (green algae)): > 1,000 mg/l Exposure time: 96 h Test Type: Growth inhibition

Section 13 - Disposal Considerations

Waste Disposal Methods: Incineration is preferred. Comply with all federal, state and local regulations. Chemical and/or biological degradation is feasible.

Section 14 - Transport Information

This material is classified for transport as follows:

Smith's Polyaspartic Gloss Part A is not regulated as a hazardous material per 49 CFR 173.120 (b) (3), ICAO, IMDG. Domestic shipping is non regulated as long as the product is not shipped in bulk.

<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 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:

No Data Available

R2K List

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.

Date Prepared: 3/26/2021