



Safety Data Sheet

Section 1 - Chemical Product and Company Information

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

Trade Name: Polyaspartic Low Sheen A

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	2	Flash point < 23°C and initial boiling point > 35°C (95°F)
Eye corrosive	2A	Eye irritant: Subcategory 2A, Reversible in 21 days
Skin sensitizer	1	Skin sensitizer
Carcinogen	1A	Known Human Carcinogen Based on human evidence
Reproductive toxin	1B	Presumed, Based on experimental animals
Acute aquatic toxicity	C3	

GHS Hazards

H225	Highly flammable liquid and vapour
H317	May cause an allergic skin reaction
H319	Causes serious eye irritation
H350	May cause cancer
H360	May damage fertility or the unborn child

GHS Precautions

P202	Do not handle until all safety precautions have been read and understood
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
P264	Wash hands thoroughly after handling
P272	Contaminated work clothing should not be allowed out of the workplace
P280	Wear protective gloves/protective clothing/eye protection/face protection
P281	Use personal protective equipment as required
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
P305+P351+P338	IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing
P308+P313	IF exposed or concerned: Get medical advice/attention
P333+P313	If skin irritation or a rash occurs: Get medical advice/attention
P337+P313	If eye irritation persists, get medical advice/attention
P370+P378	In case of fire: Use ... for extinction
P403+P235	Store in a well ventilated place. Keep cool
P501	Dispose of contents/container to ...

Signal Word: Danger



Section 3 - Composition / Information on Ingredients

Chemical Name	CAS number	Weight Concentration %
ASPARTIC ACID ESTER	136210-32-7	15.00% - 40.00%
tert-Butyl acetate	540-88-5	10.00% - 30.00%
TETRAETHYL-N,N-(METHYLENEDICYCLOHEXANE-4,1-DIYL)BIS-DL-ASPATATE	136210-30-5	10.00% - 30.00%
SILICA AMORPHOUS	7631-86-9	7.00% - 13.00%
2-methoxy-1-methylethyl acetate	108-65-6	1.00% - 5.00%
Inert		1.00% - 5.00%
DIETHYL FUMARATE	623-91-6	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: 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: 22 C (72 F)

LEL: 1.00

UEL: 13.00

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
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
TETRAETHYL-N,N- (METHYLENEDICYCLOHEX ANE-4,1-DIYL)BIS-DL- ASPARTATE 136210-30-5	Not Established	Not Established	Not Established
SILICA AMORPHOUS 7631-86-9	Not Established	Not Established	NIOSH: 6 mg/m ³ TWA
2-methoxy-1-methylethyl acetate 108-65-6	Not Established	Not Established	Not Established
Inert	Not Established	Not Established	Not Established
DIETHYL FUMARATE 623-91-6	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: 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

Appearance: Liquid Density: 1.06 g/mL or 8.89 lbs/gal %VOC by weight: 3.59% g/L VOC's: 38.23	Odor: Solvent Odor Flash point: 22°C / 72°F %Solid by weight: 69.83%
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Section 10 - Stability and Reactivity

Stability:

STABLE

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

Hazardous Decomposition Products: none known

Hazardous polymerization will not occur.

Section 11 - Toxicological Information

Mixture Toxicity

Inhalation Toxicity LC50: 281mg/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)
SILICA AMORPHOUS	LC50 96 h Brachydanio rerio 5000 mg/L (IUCLID) EC50 48 h Ceriodaphnia dubia 7600 mg/L (IUCLID) EC50 72 h Pseudokirchneriella subcapitata 440 mg/L (IUCLID)
2-methoxy-1-methylethyl acetate	LC50 96 h Pimephales promelas 161 mg/L (IUCLID) EC50 48 h Daphnia magna >500 mg/L (IUCLID)

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:

<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

70657-70-4 2-Methoxy-1-propyl acetate

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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