



Safety Data Sheet

Section 1 - Chemical Product and Company Information

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

Product Code: SCS-ASP5000A

Trade Name: Polyaspartic 5000_{LO} Part 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

Product Use: Industrial Maintenance Coating

Not recommended for: Refer to Product Data Sheet

Section 2 - Hazards Identification

GHS Ratings:

Flammable liquid	4	Flash point $\geq 60^{\circ}\text{C}$ (140 $^{\circ}\text{F}$) and $\leq 93^{\circ}\text{C}$ (200 $^{\circ}\text{F}$)
Skin sensitization	1	Skin sensitizer
Specific target organ toxicity single exposure	2	Presumed to be harmful to human health - Animal studies with significant toxic effects relevant to humans at generally moderate exposure (guidance) - Human evidence in exceptional cases
Acute aquatic toxicity	A2	Acute toxicity > 1.00 but ≤ 10.0 mg/L
Chronic aquatic toxicity	C4	Acute toxicity > 100 mg/L and lack of rapid degradability and log Kow ≥ 4 unless BCF < 500 and unless chronic toxicity > 1 mg/L

GHS Hazards

H227	Combustible liquid
H317	May cause an allergic skin reaction
H371	May cause damage to organs
H401	Toxic to aquatic life
H413	May cause long lasting harmful effects to aquatic life

GHS Precautions

P210	Keep away from heat / sparks / open flames / hot surfaces. No smoking
P235	Keep cool
P260	Do not breathe dust / fume / gas / mist / vapors / spray
P261	Avoid breathing dust / fume / gas / mist / vapors / spray
P264	Wash hand thoroughly after handling
P270	Do not eat, drink or smoke when using this product
P272	Contaminated work clothing should not be allowed out of the workplace
P273	Avoid release to the environment
P280	Wear protective gloves / protective clothing / eye protection / face 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.
P309+P311	IF exposed or you feel unwell: Call a POISON CENTER or doctor/physician
P333+P313	If skin irritation or rash occurs: Get medical advice/attention.
P370+P378	In case of fire: Use appropriate media to extinguish.
P405	Store locked up.
P403+P235	Store in a well-ventilated place. Keep cool.
P501	Dispose of contents/container in accordance with local/regional/national/international regulations.

Signal Word: Warning



Section 3 - Composition / Information on Ingredients

Chemical Name	CAS number	Weight Concentration %
Aspartic Acid Ester	136210-32-7	40.00% - 50.00%
Tetraethyl-N,N-(Methylenedicyclohexane-4,1-Diyl)Bis-Di-Aspartate	136210-30-5	30.00% - 40.00%
Di(propylene glycol) dimethyl ether	111109-77-4	10.00% - 20.00%
Diethyl Fumurate	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 to 4 glasses of water or milk if the affected person is conscious. DO NOT INDUCE VOMITTING! Seek medical care and treatment.

Section 5 - Fire Fighting Measures

Flash Point: >65°C (>149°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 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, Aldehyde's, 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- (Methylenedicyclohexane- 4,1-Diyl)Bis-Di-Aspartate 136210-30-5	Not Established	Not Established	Not Established
Di(propylene glycol) dimethyl ether 111109-77-4	Not Established	Not Established	Not Established
Diethyl Fumurate 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 20 ppm 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>pH: NA</p> <p>Specific Gravity (SG): 1.03 SG</p> <p>% Volume Solids: 78.84%</p> <p>g/L VOC: 190 g/L</p> <p>Viscosity: ND</p>	<p>Odor: Mild</p> <p>Lb/Gal: 8.56 lbs.</p> <p>% Weight Solids: 81.43%</p> <p>%VOC: 18.57%</p> <p>g/L VOC-less water: 190 g/L</p> <p>Flash Point: >149°F (>65°C)</p>
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Section 10 - Stability and Reactivity

Stability:

STABLE

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

No Data Available

Hazardous Decomposition Products: none known

No Data Available

Hazardous polymerization will not occur.

Section 11 - Toxicological Information

Mixture Toxicity**Component Toxicity**

623-91-6 Diethyl Fumurate
Oral LD50: 1,780 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. Chemical and / or biological degradation is feasible.

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

No Data Available

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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