SAFETY DATA SHEET

SECTION 1 - PRODUCT & COMPANY IDENTIFICATION

Product Name: 399 Phenolic Epoxy Tank Lining Product Code: 399-Base White

Trade Name: 399-Base White

Adams Paint Mfg Company
1416 N University Ave
Lubbock, Tx 79415
Telephone Number: 806-763-2944
Web Site: adamspaintmfg.com

Emergency Contacts & Phone Numbers
Chemtrec: 800-424-9300
SDS Request Line: 806-763-2944

Product Use: See Product Data Sheet
Not recommended for: See Product Data Sheet

SECTION 2 - HAZARDS IDENTIFICATION

GHS Ratings:

Skin sensitizer	1	Skin sensitizer
Carcinogen	1A	Known Human Carcinogen Based on human evidence

GHS Hazards

H317	May cause an allergic skin reaction
H350	May cause cancer

GHS Precautions

P201	Obtain special instructions before use
P202	Do not handle until all safety precautions have been read and understood
P261	Avoid breathing dust, fumes, gas, mist, vapors or spray
P272	Contaminated work clothing should not be allowed out of the workplace
P280	Wear protective gloves, protective clothing, eye protection and face protection
P281	Use personal protective equipment as required
P321	Specific treatment (see Section 4 of SDS on this label)
P363	Wash contaminated clothing before reuse
P302+P352	IF ON SKIN: Wash with soap and water
P308+P313	IF exposed or concerned: Get medical attention
P333+P313	If skin irritation or a rash occurs: Get medical attention
P405	Store locked up
P501	Dispose of contents and container in accordance with local and national regulations

Signal Word: Danger

SECTION 3 - COMPOSITION INFORMATION ON INGREDIENTS

Chemical Name	CAS number	Weight Concentration %

Phenol, polymer with formaldehyde, glycidyl ether	28064-14-4	20.00% - 30.00%
Bisphenol A diglycidyl ether - bisphenol A copolymer	25036-25-3	20.00% - 30.00%
Talc	14807-96-6	10.00% - 20.00%
Titanium dioxide	13463-67-7	10.00% - 20.00%
Quartz	14808-60-7	10.00% - 20.00%
Benzyl alcohol	100-51-6	5.00% - 10.00%
Mica	12001-26-2	1.00% - 5.00%

SECTION 4 - FIRST AID MEASURES

Inhalation: Move exposed to fresh air. If not breathing, give artifitial respiration or give oxygen by trained personnel. Seek immediate medical attention.

Eye Contact: Immediately flush eyes with plenty of water for atleast 15 minutes, occasioally lifting the upper and lower eylids. Check for and remove any contact lenses. Get medical attention.

Skin Contact: Flush contaminated skin with plenty of water. Cover the irritated skin with an emollient. Remove contaminated clothing and shoes. Wash clothing before reuse. Clean shoes thoroughly before reuse. Get medical attention.

Ingestion: Wash out mouth with water. If swallowed, DO NOT induce vomiting unless directed to do so medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Call physician immediately. Never give anything by mouth to an unconscious person. Loosen tight clothing such as collar, tie, belt or waistband.

Other First Aid: Due to possible aspiration into lungs, DO NOT induce vomiting if ingested. Provide a glass of water to dilute the material in the stomach. If vomiting occurs naturally, have person lean forward to reduce risk of aspiration.

SECTION 5 - FIRE FIGHTING MEASURES

Flash Point: 103 C (217 F)

LEL: UEL:

Suitable Extinguishing Media: Use dry chemical, foam, carbon dioxide, or water fog to extinguish fire. Do not use water jet.

Specific Hazards arising from the Chemical: Minimize breathing gases, vapors, fumes or decomposition products. Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a risk of fire. No action shall be taken involving any personal risk or without suitable training. Closed containers may explode when exposed to heat.

Protection of Firefighters: Water may be unsuitable as an extinguishing media, but helpful in keeping adjacent containers cool. If a leak or spill has ignited, use water spray to disperse the vapors and to protect the men attempting to stop leak.

Protective Equipment and Precautions for Firefighters: Wear self-contained breathing apparatus and full protective gear.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Personal Precautions: No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel fron entering. Avoid breathing vapor or mist. Use proper personal protective equipment as listed in Section 8.

Environmental Precautions: Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution.

Small Spills: Stop leak if without risk. Move containers from spill area. Absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of according to local and regional authority requirements.

Large Spills: Stop leak if without risk. Move containers from spill area. Combustible material. keep away from heat and sources of ignition. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Contain and collect spillage with non-combustible, absorbent material such as sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations.

SECTION 7 - HANDLING AND STORAGE

Handling: Keep away from heat and ignition sources. Use with adequate ventilation. Avoid breathing vapor and contacts with eyes, skin and clothing. Material will accumulate static charges which may cause an electrical spark (ignition source), bond and ground containers when transferring material. Use spark-proof tools and explosion-proof equipment. Do not reuse containers without proper cleaning or reconditioning. Persons with a history of skin sensitization problems should not be employed in any process in which this product is used.
Hygiene Practices: Wash thoroughly after handling. Avoid contact with eyes and skin. Avoid inhaling vapor or mist.
Storage: Store in a cool dry, well ventilated area away from sources of heat, combustible materials and incompatible substances. Sensitive to light. Keep container tightly closed when not in use.

SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

Chemical Name / CAS No.	OSHA Exposure Limits	ACGIH Exposure Limits	Other Exposure Limits
Phenol, polymer with formaldehyde, glycidyl ether 28064-14-4	Not Established	Not Established	Not Established
Bisphenol A diglycidyl ether - bisphenol A copolymer 25036-25-3	Not Established	Not Established	Not Established
Talc 14807-96-6	Not Established	2 mg/m3 TWA (particulate matter containing no asbestos and <1% crystalline silica, respirable fraction)	NIOSH: 2 mg/m3 TWA (containing no Asbestos and <1% Quartz, respirable dust)
Titanium dioxide 13463-67-7	15 mg/m3 TWA (total dust)	10 mg/m3 TWA	Not Established
Quartz 14808-60-7	Not Established	0.025 mg/m3 TWA (respirable fraction)	NIOSH: 0.05 mg/m3 TWA (respirable dust)
Benzyl alcohol 100-51-6	Not Established	Not Established	Not Established
Mica 12001-26-2	Not Established	3 mg/m3 TWA (respirable fraction)	NIOSH: 3 mg/m3 TWA (containing <1% Quartz, respirable dust)

Engineering Controls: Use appropriate engineering control such as process enclosures, local exhaust ventilation or other engineering controls to control airborne levels below recommended exposure limits. Good general ventilation should be sufficient to control airborne levels. Where such systems are not effective, wear suitable personal protective equipment, which performs satisfactorily and meets OSHA or other recognized standards. Consult with local procedures for selection, training, inspection and maintenance of the personal protective equipment.

Eye / Face Protection: Wear protective glasses or splash goggles as described by 29 CFR 1910.133, OSHA eye and face protection regulations.
Skin Protection: Chemical-resistant gloves and chemical goggles, face-shield and synthetic apron or coveralls should be used to prevent contact with eye, skin or clothing.
Respiratory Protection: A NIOSH-approved air-purifying respirator with an organic vapor cartridge or canister may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits. Protection provided by air-purifying respirators is limited. Use a positive-pressure, air-supplied respirator if there is any potential for uncontrolled release, exposure levels are not known or any other circumstances where air-purifying respirators may not provide adequate protection.
General Hygiene Considerations: Avoid breathing vapor or mist. Avoid contact with eyes and skin. wash thoroughly after handling and before eating or drinking.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Appearance: Liquid	**Odor:** Aromatic
Vapor Pressure: 0.028 mmHg	**Odor threshold:** No Data
Vapor Density: Heavier than air	**pH:** No Data
Lbs / Gallon 13.57	**Melting point:** No Data
Freezing point: No Data	**Solubility:** Partially
Boiling range: 205°C	**Flash point:** 217 F,103 C
Evaporation rate: Slower than Ether	**Flammability:** No Data
Explosive Limits: 0%	**Partition coefficient (n-octanol/water):** No Data
Autoignition temperature: 436°C	**Decomposition temperature:** No Data
Viscosity: No Data	**VOC g/l** 127.834

SECTION 10 - STABILITY AND REACTIVITY

Chemical Stability: Stable under normal temperatures and pressures.
Conditions to Avoid: Heat, flames, sparks and other ignition sources.
Incompatible Materials: Avoid contact with strong oxidizing agents, strong acids, strong alkalis, aliphatic amines .
Hazardous Decomposition Products: Incomplete combustion may produce carbon oxides and other toxic gases.
Other Hazardous: Reacts with considerable heat release with some curing agents. Runaway cure reactions may char and decompose the resin system,generating unidentified fumes and vapors which may be toxic.

SECTION 11 - TOXICOLOGICAL INFORMATION

Mixture Toxicity

Oral Toxicity LD50: 3,597mg/kg
Inhalation Toxicity LC50: 126mg/L

Component Toxicity

100-51-6 Benzyl alcohol
Oral LD50: 1,230 mg/kg (Rat) Dermal LD50: 2 g/kg (Rabbit) Inhalation LC50: 9 mg/L (Rat)

CAS Number	Description	% Weight	Carcinogen Rating
14808-60-7	Quartz	10 to 20%	Quartz: NIOSH: potential occupational carcinogen IARC: Human carcinogen OSHA: listed
13463-67-7	Titanium dioxide	10 to 20%	Titanium dioxide: NIOSH: potential occupational carcinogen IARC: Possible human carcinogen OSHA: listed

SECTION 12 - ECOLOGICAL INFORMATION

No additional information provided for this product. See Section 3 for chemical specific data.

Component Ecotoxicity

Talc 96 Hr LC50 Brachydanio rerio: >100 g/L [semi-static]

Benzyl alcohol	96 Hr LC50 Pimephales promelas: 460 mg/L [static]; 96 Hr LC50 Lepomis macrochirus: 10 mg/L [static] 48 Hr EC50 water flea: 23 mg/L

SECTION 13 - DISPOSAL CONSIDERATIONS

Waste Disposal: Consult with the US EPA Guidelines listed in 40 CFR Part 261.3 for the classification of hazardous waste prior to disposal. Furthermore, consult with your state and local waste requirements or guidlines, if applicable, to ensure compliance. Arrange disposal in accordance to the EPA and / or state and local guidelines .

SECTION 14 - TRANSPORT INFORMATION

Agency	Proper Shipping Name	UN Number	Packing Group	Hazard Class
DOT	Not Regulated			

SECTION 15 - REGULATORY INFORMATION

Additional regulatory listings, where applicable.

CERCLA RQ:

Component	RQ (lbs)
None	

SARA 311/312 Hazard Classes: Acute, Chronic, Fire

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:

14808-60-7 Quartz 10 to 20 % Carcinogen
13463-67-7 Titanium dioxide 10 to 20 % Carcinogen

SARA 302 Components:

- None

SARA 313 TOXIC CHEMICALS:

- None

Toxic Substances Control Act (TSCA): All chemicals except those listed below appear in the Toxic Substances Control Act Chemical Substance Inventory.

- None

SECTION 16 - OTHER INFORMATION

The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, expressed or implied, is made with respect to the information contained herein. We accept no responsibility and disclaim all liability for any harmful effects which may be caused by exposure to our products. Customers/users of this product must comply with all applicable health and safety laws, regulations and orders.

Reviewer Revision

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