

MATERIAL SAFETY DATA SHEET

Trade Name: **AquataPoxy A-6 - Part A**

SECTION I

Manufacturer: Raven Lining Systems
1024 North Lansing
Tulsa, OK 74106

Emergency Telephone #: 800-424-9300
Chemtrec

Revision Date: 8/01/01

Information Telephone #: 918-584-2810
800-324-2810

SECTION II: INGREDIENT INFORMATION

<u>INGREDIENT</u>	<u>CAS NUMBER</u>	<u>PEL</u>	<u>TLV</u>
Epoxy Resin	25085-99-8		
Hydrous Aluminum Silicate	8031-18-3		

SARA Title III, Section 313 ingredients: None

The specific chemical identity is being withheld as a trade secret.

SECTION III: PHYSICAL DATA

Boiling Point: > 200 deg F
Vapor Pressure: N/A
Vapor Density: N/A
Solubility in Water: negligible
Appearance and Odor: Heavy paint consistency - faint epoxy odor

Specific Gravity: 1.07
Melting Point: N/A
Evaporation Rate: Not established
% Volatile by Volume: <1%

SECTION IV: FIRE & EXPLOSION HAZARD DATA

Flash Point: >200 deg F, TCC Method
Extinguishing Media: Foam, CO₂, Dry Chemical
Special Fire Fighting Procedures: The use of self-contained breathing apparatus is recommended for firefighters. Water may be helpful in keeping adjacent containers cool. Avoid spreading burning liquid with water used for cooling purposes.
Unusual Fire and Explosion Hazards: Keep work areas free of hot metal surfaces and other sources of ignition.

DOT Flammability Classification: non-flammable

SECTION V: REACTIVITY DATA

Stability: Stable
Incompatibility: Strong acids and bases, selected amines, oxidizing agents.
Hazardous Decomposition or Byproducts: Thermal decomposition in the presence of air may yield carbon monoxide and carbon dioxide.
Hazardous Polymerization: Will not occur.

SECTION VI: HEALTH HAZARD DATA

Primary Routes of Entry:

EYES: May cause slight transient (temporary) eye irritation. Corneal injury is unlikely.

SKIN: May cause allergic skin reaction in susceptible individuals. Prolonged exposure not likely to cause significant skin irritation. Repeated exposure may cause skin irritation. A single prolonged exposure is not likely to result in the material being absorbed through skin in harmful amounts.

INHALATION: Vapors are unlikely due to physical properties.

INGESTION: Single dose oral toxicity is low. The oral LD50 for rats is >4000 mg/kg. No hazards anticipated from ingestion incidental to industrial exposure.

SYSTEMIC and OTHER EFFECTS: Except for skin sensitization, repeated exposures to low molecular weight epoxy resins of this type are not anticipated to cause any significant adverse effects.

Carcinogenicity: A poorly characterized sample of low molecular weight epoxy resin of this type (diglycidyl ether of bisphenol A) has been reported to produce skin cancer in a highly sensitive strain of mice. However, high levels of impurities (including a known animal skin carcinogen) compromise the validity of the findings. Epoxy resin that is representative of current manufacturing processes is not believed to be a cancer hazard to humans. Results of mutagenicity tests in animals have been negative. Has been shown to be negative in some invitro ("test tube") mutagenicity tests and positive in others.

Emergency and First Aid Procedures:

EYES: Flush with large quantities of water for at least 15 minutes. Consult a physician.

SKIN: Wash off in flowing water or shower.

INHALATION: Remove to fresh air if affects occur. Consult a physician.

INGESTION: No adverse effects anticipated by this route of exposure incidental to proper industrial handling.

SECTION VII: PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to Be Taken in Case Material is Released or Spilled: Keep sources of ignition and hot metal surfaces isolated from the spill. Material may flow slowly. Scrape into containers for disposal.

Waste Disposal Methods: Dispose of according to all local, state and federal regulations.

Precautions to Be Taken in Handling and Storing: Keep containers closed when not in use. Avoid prolonged or repeated contact with skin. DO NOT handle or store near flame, heat or strong oxidants. Do not store in direct sunlight. Avoid prolonged storage above 38 deg C (100 deg F).

SECTION VIII: CONTROL MEASURES

RESPIRATORY: Respiratory protection should not be needed. If respiratory irritation is experienced, use an approved air-purifying respirator.

VENTILATION: General mechanical ventilation is sufficient for most conditions. Local exhaust ventilation may be necessary for some operations.

EYES: Use safety glasses, splash-proof eye goggles or goggles with full faceshield.

CLOTHING/GLOVES: Use impermeable gloves to prevent skin irritation in sensitive individuals. Wear clean, long-sleeved, body covering clothing.

SECTION IX: TRANSPORT DATA

Proper Shipping Name: not regulated

Hazard Class: not regulated

Identification Number: N/A

Packing Group: N/A

SECTION X: DISCLAIMER

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