

MATERIAL SAFETY DATA SHEET

Prepared by: Technical Barrier Systems

Revision Date: January 20, 2008

This document is prepared pursuant to the OSHA Hazard Communication Standard (29 CFR 1910.1200). Where a proprietary ingredient is shown, the identity may be made available as provided in this standard.

All components of this product are included in the EPA Toxic Substances Control Act (TSCA) Chemical Substance Inventory.

1. PRODUCT NAME: EPOXON POOL COATING (FOR USE WITH HARDENER)

Chemical Family: Modified Epoxy Resin

2. **HAZARDOUS INGREDIENTS:**

Modified Epoxy Resin (reaction products of Epichlorohydrin) and Bisphenol A
CAS No. 025085-99-8 LD 50 5000 mg/kg oral rat.

WHMIS Class D Subdivision B.

3. **PHYSICAL DATA:**

Physical State: Liquid
Appearance/Odor: White viscous with aromatic odor
Special Gravity: 1.1
Solubility in Water: Slight

4. FIRE AND EXPLOSION HAZARD DATA: HMIS Hazard Rating No. 1 (Mild)

Flammability: Contains Xylene
Terms of Extinction: Foam, CO₂, dry chemical
Special Procedures: None
Flash Point: >93°C T.C.C.
Hazardous Combustive Products: Fumes, smoke, CO

5. REACTIVITY DATA: HMIS Hazard Rating No. 0 (Minimal)

Stability: Stable in normal conditions
Incompatible Materials: Acids, Amines
Hazardous Products: None

EPOXON POOL COATING

6. TOXOLOGICAL PROPERTIES:

Effects of Acute Exposure: Not known

Effects of Chronic Exposure: Skin sensitization is possible.

Exposure Limits: Not known

Route of Entry:

Inhalation: Mildly irritating to eyes, nose, throat and lungs

Eye Contact: Slightly irritating, but does not cause eye tissue damage

Skin Contact: Frequent or prolonged contact may cause skin irritation and dryness.

Ingestion: Low order of toxicity. Lung irritation could result from swallowing.

Sensitization: Mild to moderate

Carcinogenicity: The ingredients of this product are not listed as carcinogens.

7. PRECAUTIONS FOR SAFE HANDLING AND USE:

Hand Protection: Neoprene or rubber gloves

Eye Protection: Safety glasses with side shields

Respiratory Protection: Not required

Body Protection: Wear protective clothing to avoid personal contact.

Ventilation Controls: Local ventilation

Handling and Storing: Keep unused containers closed. Store between 5-40°C

Waste Disposal Method: Dispose of in an approved landfill site. Contact local authorities for disposal approval.

8. FIRST AID MEASURES:

Inhalation: Remove affected victim to fresh air. Administer oxygen if breathing is difficult.

Eye Contact: Immediately flush eyes with large amounts for at least 10 minutes. Get medical attention if irritation persists.

Skin Contact: Wash immediately with mild soap and warm water.

Ingestion: Moderately toxic. Do not induce vomiting. Keep at rest.

9. MORE INFORMATION: 1-888-537-2888.

The information herein is given in good faith. No warranty, expressed or implied, is given regarding the accuracy of this data or the results obtained from the use thereof. Consult Technical Barrier Systems Inc. for further information.

MATERIAL SAFETY DATA SHEET

Prepared by: Technical Barrier Systems

Revision Date: January 1, 2006

This document is prepared pursuant to the OSHA Hazard Communication Standard (29 CFR 1910.1200). Where a proprietary ingredient is shown, the identity may be made available as provided in this standard.

All components of this product are included in the EPA Toxic Substances Control Act (TSCA) Chemical Substance Inventory.

1. PRODUCT NAME: EPOXON POOL COATING (HARDENER)

Chemical Family: Poly Amines

2. HAZARDOUS INGREDIENTS:

Polyoxyalkyleneamine: 50%--70% CAS 9046100

Phenol, Nonyl: 20%--30% CAS 25254-52-3

Aminoethylpiperazine: 15% CAS 140-31-8

WHMIS Classifications: Class D, Div. 1, Sub-div B, Toxic Material
Class E, Corrosive Material

3. PHYSICAL DATA:

Appearance and Odor: A white viscous liquid with an aromatic odor.

Odor Threshold: Not known

Vapor Pressure: <1

Vapor Density: >1

Evaporation Rate: Not known

Boiling Point: 250°C

Freezing Point: Not applicable

pH: Not available

Specific Gravity: 0.9

Solubility in Water: Slight

4. FIRE AND EXPLOSION DATA:

Flammability: Non-flammable

Means of Extinction: Water, Foam, CO2, Dry Chemical

Flash Point: >93 degrees C TCC

Upper Flammable Limit: Not known

Lower Flammable Limit: Not known

Autoignition Temperature: Not known

Hazardous Combustion Products: Not known

Explosion Data: Sensitivity to Impact - Not applicable

Sensitivity to Static Discharge - Not applicable

EPOXON POOL COATING

5. REACTIVITY DATA:

Chemical Stability: Stable under normal conditions

Incompatible Substances: Strong oxidizing agents

Conditions to Avoid: Extreme high temperatures

Hazardous Decomposition Products: Oxides of Nitrogen and Carbon

Hazardous Polymerization: Will not occur under normal circumstances

6. TOXOLOGICAL PROPERTIES:

Effects of Acute Exposure: Corrosive material. May cause severe burn damage.

Effects of Chronic Exposure: Not known

Exposure Limits: Not known

Route of Entry:

Inhalation: May cause irritation of upper respiratory tract, headache, nausea

Eye Contact: Corrosive material. Extremely irritating with possible permanent eye injury.

Skin Contact: Severe irritation, may cause burns. Material is corrosive.

Ingestion: May cause burns of throat and mouth. Gastrointestinal irritation and burns possible.

Sensitization: No skin sensitization

Carcinogenicity: The ingredients of this product are not listed as carcinogens

7. PRECAUTIONS FOR SAFE HANDLING AND USE:

NOTE: Corrosive material. Causes burns. Harmful if swallowed.

Severe eye and skin irritant. May cause sensitization and dermatitis.

Hand Protection: Neoprene or rubber gloves

Eye Protection: Splash-proof chemical goggles

Reparatory Protection: Not applicable

Body Protection: Wear protective clothing to avoid personal contact

Ventilation Controls: Local ventilation

Handling and Storing: Keep unused containers closed. Store between 5 to 50°C

Waste Disposal Method: Dispose of in an approved landfill site. Contact local authorities for disposal approval.

8. FIRST AID MEASURES:

Inhalation: Remove affected victim to fresh air. Administer oxygen if breathing is difficult

Eye Contact: Immediately flush eyes with large amounts of water for at least 10 minutes. Get medical attention if irritation persists.

Skin Contact: Wash immediately with mild soap and warm water.

EPOXON POOL COATING

8. FIRST AID MEASURES:

Ingestion: Moderately toxic. Do not induce vomiting. If conscious, give large amounts of milk or water. Get prompt medical attention.

9. MORE INFORMATION: 1-888-537-2888.

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