SAFETY DATA SHEET

1. Product Identification

Product name	EZ-Tex Rapid Cure Part B
SDS Number	720010B
Product type	Mercaptan/Amine polymer mixture
Recommended use of the chemical and restrictions on use	
Restrictions	None known.
Manufacturer/Supplier information	
Company name	Kop Coat Inc/ Kop Coat Marine
Address	36 Pine Street Rockaway, NJ 07866 United States
Telephone	973-625-3100
Emergency Contact	CHEMTREC (U.S. and CANADA) 1-800-424-9300 CHEMTREC (Outside the U.S.) 1-703-527-0585

2. Hazard(s) Identification

Classification of substance or mixture/Signal Word	DANGER Skin Corrosion/Irritation – Category 2 Serious Eye Damage/Eye Irritation – Category 1 Skin Sensitization – Category 1
GHS Label Elements **Hazard Pictograms**	
Hazard Statements/Classification of substance or mixture	H315 Causes skin irritation. H317 May cause an allergic skin reaction. H318 Causes serious eye damage.
Precautionary statements	
Precautionary Statements **Prevention**	P261 Avoid breathing dust/vapors. P264 Wash hands thoroughly after handling. P272 Contaminated work clothing should not be allowed out of the workplace. P280 Wear protective clothing, gloves, eye, and face protection.
Response	P302+P352 IF ON SKIN: Wash with plenty of soap and water. P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes and remove contacts if present and easy to do so. Continue rinsing. P332+P313 If skin irritation occurs: Get medical advice/attention.

	P337+P313 IF EYE IRRITATION PERSISTS: Get medical attention. P362+P364 Take off contaminated clothing and wash it before reuse.
Storage	P401 Store above 32 °F / 0 °C
Disposal	P501 Dispose of contents and container in accordance with all local, regional, national and international regulations.
Hazards not otherwise classified (HNOC)	None Available.

3. Composition/Information On Ingredients

Chemical Name	CAS Number	Content (%)
Polymercaptan Resin	Trade Secret	70 - 80 %
Tris-2,4,6-(dimethylaminomethyl)phenol	90-72-2	1 – 10%
Triethylenetetramine	112-24-3	1 – 5%

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section. Occupational exposure limits, if available, are listed in Section 8.

4. First-Aid Measures

Skin contact	Remove contaminated clothing and shoes and wipe excess off skin. Flush skin with water. Follow by washing in soap and water. If irritation occurs, seek medical attention. Do not reuse clothing until cleaned. Contaminated leather articles (shoes) cannot be decontaminated and should be destroyed.
Eye contact	Flush with water for 15 minutes holding eye lids open. Remove contacts if present and easy to do so. Seek medical attention, if irritation or symptoms of overexposure persist.
Ingestion	If swallowed, do NOT induce vomiting. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person. Turn victim's head to the side.
Inhalation	Remove victim to fresh air and provide oxygen if breathing is difficult. Give artificial respiration if not breathing. Get medical attention.

Indication of immediate medical attention and special treatment needed, if necessary

Notes to physician	Symptomatic and supportive therapy as needed. Following severe exposure medical follow-up should be monitored for at least 48 hours.
Specific treatments	No specific treatment.

5. Fire-Fighting Measures

Suitable extinguishing media	Alcohol-resistant foam, Carbon dioxide (CO_2), Dry chemical, Water Fog
Unsuitable extinguishing media	None known.
Specific hazards arising from the chemical	Potential skin irritation.
Hazardous decomposition products	Decomposition products may include the following materials: Carbon dioxide Carbon monoxide Nitrogen oxides
Special protective actions for fire-fighters	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
Special protective equipment for fire-fighters	Avoid contact with skin. A face shield should be worn. Use personal protective equipment. Wear self-contained breathing apparatus for fighting if necessary.

Further information	Do not allow run-off from firefighting to enter drains or water courses. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

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 from entering. Do not touch or walk through spilled material. Do not breathe vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Wear proper protective clothing, gloves and eye/face protection.
Emergency procedures	If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials.
Methods and materials for containment/cleanup	Contain spills with an inert absorbent material such as soil or sand. Prevent from spreading by covering, diking or other means. Provide ventilation.
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 (sewers, waterways, soil or air).

7. Handling and Storage

Precautions for safe handling	Always wear protective, disposable gloves when handling epoxy products to prevent exposure. Use with adequate ventilation. Avoid breathing vapor and contact with eyes, skin and clothing.
Precautions/Recommendations for safe/proper storage	Store epoxy products in temperature stable environment, out of the reach of pets or children. Securely fasten container lids and tops, and prevent products from sitting and below freezing temperatures.

8. Exposure Controls/Personal Protection

Occupational Exposure Limits	None established.
Appropriate engineering controls	Use only with adequate ventilation. If user operations generate dust, fumes, gas, vapor or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.
Environmental exposure controls	Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels. Do not allow spill to enter sewers or waterways.
Individual protection measures/Personal protective equipment	
Eye/face protection	Splash-proof goggles or safety spectacles with side shields are recommended. Always wear eye protection when sanding cured epoxy resins to avoid dust in eyes.
Hand protection	Always wear impervious gloves: butyl rubber, nitrile rubber, Neoprene, PVC disposable gloves,
Skin protection	Wear clean, body-covering clothing to avoid skin contact.
Respiratory protection	Use a NIOSH approved respiratory device when sanding cured epoxy to prevent dust in lungs.

Special instructions for protection and hygiene	Wear gloves at all times when handling product, avoid direct contact with skin. When finished using product, dispose of gloves properly and wash hands with warm, soapy water.

9. Physical and Chemical Properties

Chemical family	Mercaptan/Amine curing agent
Appearance	Grey paste
Physical State	
Form	Paste
Color	Grey
Odor	Sulfur like
Density (Specific Gravity)	10.51 lb/gal (1.3)
Viscosity	Not determined
pH	N/A
Melting point/freezing point	Not determined
Initial boiling point and boiling range	Not determined
Flash point	Not determined
Evaporation rate	Slower than ether
Flammability (solid, gas)	
Upper/lower flammability limit (by volume)	
Upper flammability limit (by volume)	Not determined
Lower flammability limit (by volume)	Not determined
Material VOC	0 g/l
Vapor density	Heavier than air
Relative density	Not determined
Solubility in water	Negligible
Partition coefficient: n-octanol/water	N/A
Auto-ignition temperature	N/A
Decomposition temperature	N/A

10.Stability and Reactivity

Reactivity	No specific test data related to reactivity available for this product.
Chemical Stability	Stable under normal conditions.
Possibility of hazardous reactions	Under normal conditions of storage and use, hazardous reactions will not occur.
Conditions to avoid	Epoxy resins and epoxy resin hardeners react with each other producing heat. They should not be mixed with each other under uncontrolled conditions or in large mass as the ensuing exotherm may result in heat and smoke, resulting in hazardous decomposition products.
Incompatible materials	Reactive or incompatible with the following materials: Mineral acids

	Strong oxidizing agents Lewis acids
Hazardous decomposition products	Oxides of carbon, aldehydes, acids.
Other hazards	None known.

11. Toxicological Information

Acute Health Hazard (components) No comprehensive data (ingestion, inhalation, dermal) on mixture (product).

Component	Result	Species	Dose	Exposure
Tris-2,4,6-(dimethylaminomethyl)phenol	LD50 Oral	Rat	2,169 mg/kg	-
Triethylenetetramine	LD50 Oral	Rat	1,716 mg/kg	-
	LD50 Dermal	Rabbit	1,465 mg/kg	-

Irritation/Corrosion (components) Classifies as a Skin Irritation Category 2 using the bridging principles for the classification of mixtures. Classifies as Severe Eye Damage Category 1 using the bridging principles for the classification of mixtures.

Component	Result	Species	Test	Exposure
Tris-2,4,6-(dimethylaminomethyl)phenol	Skin – Corrosive	Rabbit	OECD 404 Acute Dermal Irritation/Corrosion	-
	Eyes – Severe Irritation	Rabbit	OECD 405 Acute Eye Irritation/Corrosion	-
Triethylenetetramine	Skin – Severe Irritation	-	-	-
	Eyes – Severe Irritation	-	-	-

Sensitization No information on product itself.

Mutagenicity No information on product itself.

Carcinogenicity No information on product itself.

Reproductive Toxicity No information on product itself.

Teratogenicity No information on product itself.

Specific target organ toxicity (single exposure) No information on product itself.

Specific target organ toxicity (repeated exposure) Not available.

Aspiration hazard Not available.

Potential acute health effects

Eye Contact Causes severe eye burns.

Inhalation Not available.

Skin Contact Causes skin irritation.

Ingestion Harmful if swallowed.

Symptoms related to the physical, chemical and toxicological characteristics

Eye Contact Not available.

Inhalation Not available.

Skin Contact Not available.

Ingestion Not available.

Delayed and immediate effects and also chronic effects from short and long term exposure

Potential chronic health effects

General May cause sensitization by skin contact.

Carcinogenicity No known significant effects or critical hazards.

Mutagenicity No known significant effects or critical hazards.

Teratogenicity No known significant effects or critical hazards.

Developmental effects No known significant effects or critical hazards.

Fertility effects No known significant effects or critical hazards.

Numerical measures of toxicity

Acute toxicity estimates (ATEmix)

Route	ATE value
Oral	>5,000 mg/kg
Dermal	>10,000 mg/kg
Inhalation (vapors)	N/A

12. Ecological Information

Ecotoxicity No information on product itself.

Component	Test	Endpoint	Exposure	Species	Result
Tris-2,4,6-(dimethylaminomethyl)phenol	201 Alga, Growth Inhibition Test	Acute EC50	72 hr	Aquatic plants – Green Algae	84 mg/l

Persistence and degradability No information on product itself.

Bioaccumulative Potential No information on product itself.

Mobility in Soil

Soil/water partition coefficient (KOC) No information on product itself.

Other adverse effects No known significant effects or critical hazards.

13. Disposal Considerations

Waste from residues/ unused products The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Product should not be allowed to enter drains, water courses or the soil; dispose of this material and its containers in a safe way. Contact supplier if guidance is required.

Contaminated packaging Dispose of container and unused contents in accordance with federal, state and local requirements.

14.Transport Information

The data provided in this section is for information only and may not be specific to your package size or mode of transport. You will need to apply the appropriate regulations to properly classify your shipment for transportation.

International Transport Regulations

Regulatory information	UN/NA number	Proper Shipping Name	Classes/*PG	Additional Information
DOT		Non-regulated		
TDG		Non-regulated		
IMO/IMDG		Non-regulated		
IATA	UN3334	AVIATION REGULATED LIQUID, N.O.S. (Mercaptan-terminated polymer)	Class 9 III	

*PG: Packing group

Special precautions for user: Transport within user's premises: always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

15. Regulatory Information

UNITED STATES

U.S. Federal Regulations	**United States – TSCA 12(b) – Chemical export notification:** None Required. **United States – TSCA 5(a)2 – Final significant new use rules:** Not Listed. **United States – TSCA 5(a)2 – Proposed significant new use rules:** Not Listed. **United States – TSCA 5(e) – Substance consent order:** Not listed.
Clean Air Act – Ozone Depleting Substances (ODS)	This product does not contain nor is it manufactured with ozone depleting substances.
Clean Air Act Section 112(b) Hazardous Air Pollutants (HAPs)	This product does not contain nor is it manufactured with hazardous air pollutants.
California Prop. 65	This product contains chemicals known to the state of California to cause cancer, birth defects, or other reproductive harm.
EPA SARA 302 Extremely Hazardous Substances	None Required
EPA SARA 302/304/311/312 Hazardous Chemicals	Acute Health Hazard
SARA 313	None Required
Form R – Reporting requirements	
CERCLA Hazardous substances	None Required
United States inventory (TSCA 8b)	All components are listed or exempted.

CANADA

WHMIS (Canada)	Class D-2B: Material causing other toxic effects (Toxic).
Canadian NPRI	None Required
CEPA Toxic substances	None Required

INTERNATIONAL REGULATIONS

International Lists	**Australia inventory (AICS):** All components are listed or exempted. **Canada inventory:** All components are listed or exempted. **Korea inventory:** All components are listed or exempted. **Japan inventory:** All components are listed or exempted. **China inventory (IECSC):** All components are listed or exempted. **New Zealand inventory (NZIoC):** All components are listed or exempted. **Philippines inventory (PICCS):** All components are listed or exempted. **Taiwan inventory (CSNN):** All components are listed or exempted.

16. Other Information, Including Date of Preparation or Last Revision

HMIS Rating

Health	**2**
Flammability	**1**
Physical Hazard	**0**

Date of Preparation	March 14, 2022
Date of Last Revision	
Revision #	1.0
Prepared by	EHS/Regulatory

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