

FT720 Novalac Chemical Resistant Epoxy (CRE) Part A

FT720 Novalac Chemical Resistant Epoxy is a two component Novalac epoxy with exceptional chemical resistance properties designed for use in areas subjected to splash and spills of acids, corrosives and solvents.

I. IDENTIFICATION

Manufacturer Phone: 1.800.831.5600
Trade Name: FT720 Novalac Chemical Resistant Epoxy (CRE) Part A.
Product Type: Epoxy resin
DOT Shipping Name:
HMIS Codes: H=1* F=1 R=0 P=B
Emergency Phone:

II. HAZARDOUS INGREDIENTS

INGREDIENTS:	CAS #	OSHA PEL	ACGIH TLV	OSHA STEL	VAPOR PRESSURE
PHENOL-FORMALDEHYDE POLYMER, GLYCIDYL ETHER	28064-14-4	None	None	None	0.0 @ 68°F
BISPHENOL F/EPICHLOROHYDRIN EPOXY RESIN	9003-36-5	None	None	None	NA
REACTION PRODUCTS OF EPICHLOROHYDRIN -BISPHENOL A	25068-38-6	None	None	None	1.0 @ 356°F
PIGMENT Non-hazardous in liquid form		10 mg/m ³	10 mg/m ³	5 mg/m ³	NA
PROPYLENE GLYCOL MONOMETHYL ETHER	107-98-2	100 p.p.m.	100 p.p.m.	150 p.p.m.	10.9 @ 77°F
PROPRIETARY NON-HAZARDOUS ADDITIVES	Unknown	None	None	None	NA
STODDARD SOLVENT	8052-41-3	100 p.p.m.	100 p.p.m.	None	NA
1-METHOXY-2-PROPANOL ACETATE	108-65-6	None	None	None	3.7 @ 68°F
PROPRIETARY ADDITIVE	>1% of mixture	None	None	None	NA

No toxic chemical(s) subject to the reporting requirements of section 313 of Title III and of 40 CFR are present.

III. PHYSICAL DATA

Boiling Range: 200 °F to 392 °F
Vapor Density: NA
Specific Gravity: 1.3
Solubility in Water: Negligible
Evaporation Rate: NA
Appearance and Odor: Low viscosity liquid in both clear and colors.

IV. FIRE AND EXPLOSION DATA

Flash Point: 200 °F+
Lower Explosive Limit: NA
Upper Explosive Limit: NA
Extinguishing Media: Foam, alcohol foam, carbon dioxide, dry chemical and water fog.
Special Firefighting Procedures: Do not enter confined fire area without full bunker gear including a positive pressure NIOSH approved self contained breathing apparatus. Cool all fire exposed containers with water.
UNUSUAL FIRE AND EXPLOSION HAZARDS INCLUDE: None known.

V. HEALTH AND SAFETY

Threshold Limit Value: Not required for mixture.

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Effects of Overexposure:

Eyes: May cause irritation but no corneal injury is likely.
Skin: May cause irritation or allergic skin response.
Inhalation: No guide for control known, however, exposure to heated vapors can cause irritation to the nose, throat or mucous membranes.
Ingestion: This material has a probable low acute oral toxicity.
Carcinogenicity: NTP: No. IARC monographs: No. OSHA regulated: No.
Chronic Effects: Epoxy resins can cause sensitization by exposure through contact or high concentrations of vapor. Eyes injury unlikely but stain for evidence of corneal injury.

Medical Conditions Generally Aggravated by Exposure: Respiratory conditions or other allergic response.

Emergency and First Aid Procedures:

Eyes: Flush eyes with water for at least fifteen minutes and consult a physician.
Skin: Contact will normally cause no more than irritation but wash affected area with soap and water and remove contaminated clothing promptly.
Inhalation: Remove victim to fresh air area and administer oxygen if necessary.
Ingestion: Low in toxicity, INDUCE VOMITING only if large amounts of material are ingested, otherwise do not induce vomiting. In either case immediately consult with a physician.

VI. REACTIVITY DATA

Conditions to Avoid: Avoid excessive heat or open flames.

Hazardous Decomposition

Products: Carbon dioxides, aldehydes, acids. Reaction with some curing agents can generate large amounts of heat.

Hazardous Polymerization: Will not occur.

Incompatibility: Can react vigorously with strong oxidizing agents and strong lewis acids or mineral acids.

Stability: Stable.

VII. SPILL OR LEAK PROCEDURES

Wear respirator and protective clothing. Shut off the source at the leak. Remove excess with vacuum truck and take up the remainder with an absorbent such as clay and place in disposal containers. Flush area with water to remove residue.

VIII. SAFE HANDLING AND USE PROCEDURES

Respiratory Protection: Use a NIOSH approved respirator as required to prevent overexposure to vapor in accordance with 29 CFR 1910.134.

Ventilation: General exhaust is usually sufficient to control vapors and exposure hazards.

Protective Clothing: Wear body covering clothing and other coverings as necessary such as apron and appropriate footwear to avoid contact with material. Impervious gloves either neoprene or rubber. Splash goggles or glasses with side shields.

IX. SPECIAL PRECAUTIONS

Store in cool dry place. Seal all partially used containers. Wash with soap and water before eating, drinking, smoking or using toilet facilities. Mixed materials contain the hazards of all the components, therefore, read the MSDS's of all the components prior to using material. Properly label all containers.

Other Precautions: Avoid all skin contact. Avoid breathing vapors generated from the material. Observe conditions of good general hygiene and safe working practices. Contaminated leather articles cannot be cleaned and must be discarded if contaminated with this product. Wash all contaminated clothing prior to reuse.

SAFETY STATEMENT

The information presented is believed to be accurate, but is not warranted to be whether originating from manufacturer or not. Recipients are advised to confirm in advance, that the information is current, applicable, and relative to their individual circumstance.

FT720 Novalac Chemical Resistant Epoxy (CRE) Part B

FT720 Novalac Chemical Resistant Epoxy is a two component Novalac epoxy with exceptional chemical resistance properties designed for use in areas subjected to splash and spills of acids, corrosives and solvents.

I. IDENTIFICATION

Manufacturer Phone: 1.800.831.5600
Trade Name: FT720 Novalac Chemical Resistant Epoxy
Product Type:
DOT Shipping Name:
HMIS Codes: H=2* F=1 R=0 P=G
Emergency Name:

II. HAZARDOUS INGREDIENTS

INGREDIENTS:	CAS #	OSHA PEL	ACGIH TLV	OSHA STEL	VAPOR PRESSURE
BENZYL ALCOHOL	100-51-6	None	None	None	NA
METHYENEDI (CYCLOHEXYLAMINE)	1761-71-3	None	None	None	NA
3-AMINOMETHYL-3, 5, 5-TRIMETHYL CYCLOHEXANE	2855-13-2	None	None	None	0.2 @ 68 °F
2-HYDROXYBENZOIC ACID	69-72-7	None	None	None	NA

No toxic chemical(s) subject to the reporting requirements of section 313 of Title III and of 40 CFR are present.

III. PHYSICAL DATA

Boiling Point: 477 °F
Vapor Density: NA
Specific Gravity: 1.0
Solubility in Water: Negligible
Evaporation Rate: NA
Appearance and Odor: Amber clear liquid with amine odor.

IV. FIRE AND EXPLOSION HAZARD DATA

Flash Point TCC/PM: 200 °F+
Lower Explosive Limit: NA
Upper Explosive Limit: NA
Extinguishing Media: Foam, alcohol foam, carbon dioxide and water fog.
Special Firefighting Procedures: Toxic fumes will be evolved when this material is involved in a fire. A self contained breathing apparatus should be available for fire fighters. Cool fire exposed containers with water.
UNUSUAL FIRE AND EXPLOSION HAZARDS: None known.

V. HEALTH AND SAFETY

Threshold Limit Value: Not required for mixture.
Effects of Overexposure:
Eyes: Will cause burns and high vapor concentrations can cause severe irritation to the eyes.
Skin: Will cause burns.
Inhalation: High concentrations of vapor can cause irritation to the respiratory tract, nausea and dizziness.
Ingestion: Liquid can cause severe damage to mucous membranes if swallowed.
Chronic Effects: Prolonged or repeated exposure may cause asthma and skin sensitization.
Emergency and First Aid Procedures:
Eyes: Immediately flush with large amounts of water for at least fifteen minutes while lifting upper and lower lids. Get immediate medical assistance.
Skin: Flush with water for at least fifteen minutes and remove all contaminated clothing immediately. Get medical attention if reddening or swelling occurs.
Inhalation: Remove to fresh air if effects persist and administer oxygen if necessary.
Ingestion: DO NOT INDUCE VOMITING. Dilute by giving water or milk to drink if victim is conscious. Get medical attention immediately.
Carcinogenicity: NTP: No. IARC monographs: No. OSHA regulated: No.
Medical Conditions Generally Aggravated by Exposure: Respiratory conditions or other allergic ailments.

VI. REACTIVITY DATA

Conditions to Avoid: Avoid contact with open flames and all sources of ignitions and sparks.
Hazardous Decomposition Products: Carbon dioxide, carbon monoxide, and nitrogen oxides.
Hazardous Polymerization: Will not occur.
Incompatibility: Avoid contact with strong oxidizing agents, mineral acids and epoxy resins in uncontrolled amounts.
Stability: Stable.

VII. SPILL OR LEAK PROCEDURES

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Avoid contact with material. Wear the appropriate safety equipment. Stop spill at source, dyke area to prevent spreading. Pump liquid to salvage tank. Take up remainder with clay or other absorbent and place in disposal containers.

Waste Disposal Method: Dispose of material as a hazardous waste according to local, State and Federal regulations.

VIII. SAFE HANDLING AND USE INFORMATION

Respiratory Protection: NIOSH approved respirator protection required in the absence of proper environmental controls. For emergencies a self contained breathing apparatus or a full face respirator is recommended.

Ventilation: Avoid breathing vapors. Ventilation must be sufficient to control vapors.

Protective Clothing: Clean body-covering clothing as well as apron, footwear or other equipment should be used as deemed necessary to avoid contact with the material. Impervious gloves of neoprene or rubber. Splash proof goggles or safety glasses with side shields.

IX. SPECIAL PRECAUTIONS

Precautions to be Taken in Handling and Storing: Avoid all skin contact. Avoid breathing vapors. Reseal partially used containers. Properly label all containers. Wash with soap and water before eating, drinking, smoking, or using toilet facilities. Observe conditions of good industrial hygiene and safe working practices.

Other Precautions: Mixed materials contain the hazards of all components, therefore read the MSDS's of all components to become familiar with all hazards prior to using this product.

SAFETY STATEMENT

The information presented is believed to be accurate, but is not warranted to be whether originating from manufacturer or not. Recipients are advised to confirm in advance, that the information is current, applicable, and relative to their individual circumstance.