

FT440 Intermediate Epoxy

Part A

FT440 is a two component 97% pigmented epoxy. This thin concrete resurfacer is applied at 15 to 25 mil thickness and may be used as a build or intermediate coating.

I. IDENTIFICATION

Manufacturer Phone: 1.800.831.5600
Trade Name: FT430 High Build Epoxy Slurry
Product Type:
DOT Shipping Name:
HMIS Codes: H=2* F=1 R=O P=G
Emergency Phone:

II. HAZARDOUS INGREDIENTS

INGREDIENTS:	CAS #	OSHA PEL	ACGIH TLV	OSHA STEL	VAPOR PRESSURE mm Hg @ Temp.
MODIFIED DIGLYCIDYL ETHER OF BISPHENOL A	25068-38-6	None	None	None	1.0 @ 356 °F
ALKYL GLYCIDYL ETHER	68609-97-2	None	None	None	NA
BISPHENOL F/EPICHLOR-OHYDRIN EPOXY RESIN	9003-36-5	None	None	None	NA
PIGMENT	Non-hazardous in liquid form	10mg/m3	10mg/m3	5mg/m3	NA
PROPYLENE GLYCOL MONO-METHYL ETHER	107-98-2	100 p.p.m.	100 p.p.m.	150 p.p.m.	10.9 @ 77 °F
STODDARD SOLVENT	8052-41-3	100 p.p.m.	100 p.p.m.	None	2.0 @ 68 °F
PROPRIETARY ADDITIVE	<1% of mixture	None	None	None	NA
PROPRIETARY ADDITIVE	<1% of mixture	None	None	None	3.0 @ 75 °F
PROPRIETARY NON HAZARDOUS ADDITIVE	Unknown	None	None	None	NA
1-METHOXY-2-PROPANOL ACETATE	108-65-6	None	None	None	3.7 @ 68 °F

No toxic chemical(s) subject to the reporting requirements of section 313 of Title III and of 40 CFR 372 are present.

III. PHYSICAL DATA

Boiling Range: 200 °F– 315 °F
Vapor Density: NA
Specific Gravity: 1.2
Solubility in Water: Negligible
Evaporation Rate: NA
Appearance and Odor: Low viscosity liquid in varying colors.

IV. FIRE AND EXPLOSION HAZARD DATA

Flashpoint: 200 °F+
Lower Explosive Limit: NA
Upper Explosive Limit: NA

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.

FT440 Intermediate Epoxy

Part B

FT440 is a two component 97% pigmented epoxy. This thin concrete resurfacer is applied at 15 to 25 mil thickness and may be used as a build or intermediate coating.

I. IDENTIFICATION

Manufacturer Phone: 1.800.831.5600
Trade Name: FT430 High Build Epoxy Slurry
Product Type:
DOT Shipping Name:
HMIS Codes: H=2* F=1 R=O P=G
Emergency Phone:

II. HAZARDOUS INGREDIENTS

INGREDIENTS:	CAS #	OSHA PEL	ACGIH TLV	OSHA STEL	VAPOR PRESSURE mm Hg @ Temp.
BENZYL ALCOHOL	100-51-6	None	None	None	1.0 @ 136°F
NONYL PHENOL	25154-52-3	None	None	None	NA
3-AMINOMETHYL-3,5,5- TRIMETHYL CYCLOHEXANE	2855-13-2	None	None	None	NA
M-XYLENE DIAMINE	1477-55-0	None	.1 mg/m3	None	NA

No toxic chemical(s) subject to the reporting requirements of section 313 of Title III and of 40 CFR 372 are present. BENZENE-1, 3-DIMETHANEAMINE has a 0.1 mg/m3 ceiling exposure limit (skin).

III. PHYSICAL DATA

Boiling Range: 401 °F to 560 °F
Vapor Density: NA
Specific Gravity: 1.1
Solubility in Water: Negligible
Evaporation Rate: NA
Appearance and Odor: Amber clear liquid with amine odor.

IV. FIRE AND EXPLOSION HAZARD DATA

Flashpoint: 230 °F
Lower Explosive Limit: NA
Upper Explosive Limit: NA
Extinguishing Media: Foam, alcohol foam, carbon dioxide, and water fog.

UNUSUAL FIRE AND EXPLOSION HAZARDS: None known.

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 all fire exposed containers with water.

V. HEALTH AND SAFETY

Threshold Limit Value: Unknown

Effects of Overexposure:

Eyes: Will cause burns to the eyes, high vapor concentrations can cause severe irritation to the eyes.
Skin: Will cause burns to the skin. No known skin absorption risks.
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.
Carcinogenicity: NTP: No. IARC monographs: No. OSHA regulated: No.
Chronic Effects: Prolonged or repeated exposure may cause asthma and skin sensitization or other allergic responses.

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 skin 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.
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.

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Part B

Hazardous Decomposition: Carbon monoxide, carbon dioxide, nitrogen oxides, nitriles and amides.

Hazardous Polymerization: Will not occur.

Incompatibility: Avoid contact with strong oxidizing agents, acids and epoxy resins in uncontrolled amounts.

Stability: Stable.

VII. SPILL OR LEAK PROCEDURES

Steps to be taken in case material is released or spilled: 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 either 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 of good industrial hygiene and safe working practices.

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

SAFETY STATEMENT

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