

### FT290 Crack Filler Part A

FT290 Crack Filler is a three component high strength 100% epoxy mortar designed for surface repair of horizontal concrete, cracks, holes and gouges.

#### I. IDENTIFICATION

Manufacturer Phone: 1.800.831.5600  
Trade Name: FT290 Crack Filler Part A  
Product Type: Crack Filler, complies with 29CFR 1910.1200 (The Hazard Communication Standard).  
DOT Shipping Name:  
HMIS Codes: H=1\* F=1 R=0 P=B  
Emergency Phone:

#### II. HAZARDOUS INGREDIENTS

INGREDIENTS:	CAS #	ACGIH TLV	OSHA STEL	OSHA PEL	VAPOR PRESSURE
<b>MODIFIED DIGLYCIDYL ETHER OF BISPHENOL A</b>	25068-38-6	None	None	None	1.0mm Hg @ 356 °F
<b>ALKYL GLYCIDYL ETHER</b>	68609-97-2	None	None	None	NA
<b>FUMED SILICA</b>	112945525	80mg/m3	None	None	NA
<b>ALKYLATED PHENOL</b>	31091-95-9	None	None	None	NA

None of the above are reportable chemicals under section 313 of SARA Title III & 40 CFR 372

#### III. PHYSICAL DATA

**Boiling Point:** 200 °F  
**Vapor Density:** NA  
**Specific Gravity:** 1.2  
**Solubility in Water:** Negligible  
**Evaporation Rate:** NA  
**Appearance & Odor:** Viscous paste—negligible odor

#### IV. FIRE AND EXPLOSION HAZARD DATA

**Flashpoint TCC/PM:** 200 °F+  
**Lower/ Upper Explosive Limit:** NA  
**Sensitivity to Impact:** None  
**Sensitivity to Static Discharge:** NA  
**Extinguishing Media:** In case of fire, use foam, alcohol foam, water fog, dry chemical, or carbon dioxide.

UNUSUAL FIRE AND EXPLOSION HAZARDS INCLUDE: None known

**Special Firefighting Procedures:** Do not enter fire area without full bunker gear including a positive pressure NIOSH approved self contained breathing apparatus. Water may be used to cool containers exposed to extreme heat.

#### V. HEALTH AND SAFETY

**Threshold Limit Value:** Not required for mixture  
**Effects of Overexposure** No guide for control known, exposure to heated vapors can cause irritation to the nose, throat, or mucous membranes.

#### **Immediate (Acute) Effects:**

Eyes: May cause eye irritation but no corneal injury is likely.  
Skin: May cause irritation or allergic skin response. Not likely to be absorbed in toxic amounts.  
Ingestion: Low acute oral toxicity  
Inhalation: Exposure to heated vapors can cause irritation to the nose, throat or mucous membranes.  
Chronic Exposure: Possible sensitization by epoxy resins. Injury to eyes is unlikely, but stain for evidence of corneal injury.

Medical conditions generally aggravated by exposure—respiratory conditions or other allergic response.

# FT290 Crack Filler—Part A

## Material Safety Data Sheet

Page 2 of 2

(Continued from page 1)

### **Emergency First Aid Procedures:**

Skin	Wash with soap and water. Normally causes only irritation but wash affected area with soap and water and remove contaminated clothing promptly.
Eyes	Flush with plenty of water for at least fifteen minutes. Get medical attention.
Ingestion	Low toxicity, induce vomiting only if large amounts of material are ingested, otherwise do not induce vomiting. In either case immediately consult with a physician
Inhalation:	Remove victim to fresh air area and administer oxygen if necessary.
Possible Routes of Entry	Inhalation, ingestion, skin absorption
Carcinogenicity:	NTP: No. IARC Monographs: No. OSHA Reg: No

### **VI. REACTIVITY DATA**

**Conditions to Avoid:** Excessive heat or open flame.

**Hazardous Decomposition**

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

**Hazardous Polymerization:** Will not occur

**Incompatibility:** Excessive heat or open flame

**Stability:** Stable

### **VII. SPILL OR LEAK PROCEDURES**

Steps To Be Taken In Case Material

Is Released or Spilled: 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.

Waste Disposal Method: Dispose in accordance with local, State and Federal regulations or with a licensed waste disposal company.

### **VIII. SAFE HANDLING AND USE INFORMATION**

**Respiratory Protection:** Respirators required only as indicated by air monitoring. Follow manufacturers directions for using. (Proper NIOSH/MSHA Approved) General exhaust is usually sufficient in lieu of NIOSH respirator.

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

**Protective Clothing:** Impervious gloves—neoprene or rubber, Splash goggles or glasses with side shields, wear body covering clothing and other coverings as necessary such as apron and appropriate footwear to avoid contact with material. Observe good hygienic practices.

It is generally recognized that contact lenses should not be worn when working with chemicals because contact lenses may contribute to the severity of and eye injury in case of exposure.

### **IX. SPECIAL PRECAUTIONS**

**Precautions to be taken in handling and storing:** 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 all 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 the reuse thereof.

### **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..

### FT290 Crack Filler Part B

FT290 Crack Filler is a three component high strength 100% epoxy mortar designed for surface repair of horizontal concrete, cracks, holes and gouges.

#### I. IDENTIFICATION

Manufacturer Phone: 1.800.831.5600  
Trade Name: FT290 Crack Filler Part B  
Product Type: Complies with 29CFR 1910.1200 (The Hazard Communication Standard).  
DOT Shipping Name:  
HMIS Codes: H=2\* F=1 R=0 P=G  
Emergency Phone:

#### II. HAZARDOUS INGREDIENTS

INGREDIENTS:	CAS #	ACGIH TLV	OSHA STEL	OSHA PEL	VAPOR PRESSURE
<b>NONYL PHENOL</b>	25154-52-3	None	None	None	NA
<b>N-AMINOETHYLPIPERAZINE</b>	140-31-8	None	None	None	NA
<b>FUMED SILICA</b>	112945525	80mg/m3	None	None	NA
<b>ALKYLATED PHENOL</b>	31091-95-9	None	None	None	NA

None of the above are reportable chemicals under section 313 of SARA Title III & 40 CFR 372.

#### III. PHYSICAL DATA

**Boiling Point:** 560 °F  
**Vapor Density:** NA  
**Specific Gravity:** 1.1  
**Solubility of Water:** Negligible  
**Evaporation Rate:** NA  
**Appearance & Odor:** Amber viscous paste, amine odor

#### IV. FIRE AND EXPLOSION HAZARD DATA

**Flashpoint TCC/PM:** 200 °F+  
**Lower/ Upper Explosive Limit:** NA  
**Extinguishing Media:** In case of fire, use foam, alcohol foam, water fog, dry chemical, or carbon dioxide.

UNUSUAL FIRE AND EXPLOSION HAZARDS INCLUDE: None known

**Special Firefighting Procedures:** Toxic fumes will be involved in a fire. A self contained breathing apparatus should be available for fire fighters. Water may be used to cool containers exposed to extreme heat.

#### V. HEALTH AND SAFETY

**Threshold Limit Value:** Not required for mixture  
**Effects of Overexposure—  
Immediate (Acute) Effects:**  
Eyes/ Skin Will cause burns to the skin and eyes. High vapor concentrations can cause severe irritation to the eyes.  
Ingestion Liquid can cause severe damage to the mucous membranes if swallowed.  
Inhalation High concentrations of vapor can cause irritation to the respiratory tract, nausea and dizziness.  
Carcinogenicity: NTP: No. IARC monographs: No. OSHA regulated: No.  
**Chronic Exposure:** Prolonged or repeated exposure may cause asthma and skin sensitization or other allergic responses.  
Medical conditions generally aggravated by exposure—respiratory conditions or Allergic ailments

#### **Emergency First Aid Procedures:**

**Skin:** Flush skin with water for at least fifteen minutes and remove all contaminated clothing immediately. Get immediate medical attention if reddening or swelling occurs.

# FT290 Crack Filler—Part B

## Material Safety Data Sheet

Page 4 of 4

(Continued from page 3)

Eyes Flush with plenty of water for at least fifteen minutes while lifting upper and lower lids. Get medical attention.

Ingestion **DO NOT INDUCE VOMITING.** Give large amounts of water or if available, milk. Never give anything by mouth to an unconscious person. Call a physician immediately.

Inhalation Remove to fresh air if effects persist and administer oxygen if necessary.

Possible Routes of Entry: Inhalation, ingestion, and skin absorption.

### **VI. REACTIVITY DATA**

**Conditions to Avoid:**

Open flames and all sources of ignition and sparks.

**Hazardous Decomposition**

**Products:**

Carbon dioxide, carbon monoxide, and nitrogen oxide.

**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**

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 in accordance with local, State and Federal regulations or with a licensed waste disposal company.

### **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. General exhaust is usually sufficient to control vapors and exposure hazards.

**Protective Clothing:**

Avoid all skin contact. Impervious gloves—neoprene or rubber, Splash goggles or glasses with side shields, wear body covering clothing and other coverings as necessary such as apron and appropriate footwear to avoid contact with material. Observe good hygienic practices.

It is generally recognized that contact lenses should not be worn when working with chemicals because contact lenses may contribute to the severity of an eye injury in case of exposure.

### **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 the 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.