



## MATERIAL SAFETY DATA SHEET

### FT410 High Build Epoxy—Part A

Page 1 of 4

FT410 is a two compo-

nent 100% solids, low viscosity, chemical resistant epoxy coating. It can be used alone as a clear coating or with Epoxy Color Additive to achieve a variety of colors.

#### I. IDENTIFICATION

Manufacturer Phone: 1.800.637.7793  
Trade Name: FT350 High Build Epoxy Primer—Part A  
Product Type: Hardener  
DOT Shipping Name: Paint, paint related material NA 1760. Complies with 29CFR 1910.1200 (The Hazard Communication Standard)  
Emergency Phone:

#### II. HAZARDOUS INGREDIENTS

INGREDIENTS:	CAS #	TLV TWA	OSHA PEL	TLV STEL	CEILING	RECOMMEND
<b>PROPRIETARY RESIN</b>	Trade Secret	Not Established	Not Established	Not Established	Not Established	Not Established
<b>BENZYL ALCOHOL 30-35% WT. (BENZENEMETHANOL)</b>	100-51-6	Not Established	Not Established	Not Established	Not Established	1000.00 p.p.m.
<b>PROPRIETARY ADDITIVE</b>	Trade Secret	Not Established	Not Established	Not Established	Not Established	Not Established

Substances listed are present in concentrations of 1% or greater. If cited as a potential carcinogen in the OSHA hazards communication standard. Where proprietary ingredients are listed the identity is available as posted in 29 CFR 1910.1200

#### III. PHYSICAL DATA

**Boiling Range:** NA  
**Vapor Density:** NA  
**Vapor Pressure:** NA  
**Specific Gravity:** .96  
**Solubility in Water:** No  
**Evaporation Rate:** NA  
**pH of 1% Solution:** NA  
**Odor:** Mild, pleasant

#### IV. FIRE AND EXPLOSION HAZARD DATA

**Flashpoint:** 105°F  
**Lower Explosive:** NA  
**Upper Explosive:** NA  
**Auto Ignition:** NA  
**Sensitivity to Impact:** None  
**Sensitivity to Discharge:** NA  
**Extinguishing Media:**

In case of fire, use alcohol foam, water spray (fog) dry chemical or carbon dioxide.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** Keep away from heat, sparks and open flames. Closed containers may explode, due to build up of pressure when exposed to extreme heat.

**Special Firefighting Procedures:** Self contained breathing apparatus, with full face piece, operated under positive pressure. Water may be used to cool containers and keep exposed material from being damaged by fire.

#### V. HEALTH AND SAFETY

**Threshold Limit Value:** Not required for mixture.

**Effects of Overexposure:**

**Immediate Effects:**

CONTAINS INGREDIENTS WHICH ARE CORROSIVE

Eyes: May cause irritation, eye burns, corneal injury/eye damage.

Skin: Irritation, burns, and skin sensitization.

Inhalation: May affect the brain, nervous system or respiratory system, causing dizziness, headache, nausea or respiratory irritation.

Ingestion: Harmful if swallowed, fatality if swallowed, respiratory tract irritation, and skin sensitization.

# FT410 High Build Epoxy—Part A

## Material Safety Data Sheet

Page 2 of 4

(Continued from page 1)

### **Delayed Effects (Chronic):**

**Eyes:** Damage and pain, may cause blindness, corneal injury and/or eye damage.  
**Skin:** Blistering or discoloration of skin and pain. Possible sensitization, can be absorbed through the skin, this material has demonstrated mutagenic activity in laboratory tests and may be harmful if absorbed through the skin. Contains ingredients which may cause allergic skin reaction and/or delayed irritation.  
**Inhalation:** Harmful if inhaled. May affect the brain, nervous system or respiratory system, causing dizziness, headache, nausea, or respiratory irritation. NOTICE: Reports have associated repeated and prolonged occupational overexposure to solvents, to permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal. Contains ingredients that may cause asthmatic attack and/or reaction as well as respiratory sensitization.

Medical conditions generally aggravated by exposure: None known.

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

**Eyes:** Flush at once with potable water for at least fifteen minutes and get medical attention.  
**Skin:** Wash with soap and warm water. Remove contaminated clothes. Wash before reuse. Destroy contaminated shoes.  
**Inhalation:** Remove to fresh air. Administer oxygen if breathing is difficult.  
**Ingestion:** DO NOT INDUCE VOMITING. Give large quantities of water, if available give several glasses of milk and get medical attention immediately. Never administer anything by mouth to an unconscious person.

## **VI. REACTIVITY DATA**

**Conditions to Avoid:** None

### **Hazardous Products of Decomposition:**

Carbon monoxide, carbon dioxide, nitrogen oxides, and ammonia compounds.

### **Hazardous Polymerization:**

None

### **Incompatibility:**

Strong oxidizers, acids and alkalines.

### **Stability:**

Stable

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

Ventilate area. Avoid breathing of vapors. Use self contained breathing apparatus or air mask for large spills in a confined area. Eliminate ignition sources. Remove with inert absorbent and non-sparking tools. Avoid contact with eyes.

Waste Disposal Method: Dispose in chemical disposal area or in a manner that complies with local, State and Federal regulations. Do not incinerate closed containers.

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

### **Respiratory Protection:**

Unless air monitoring demonstrates vapor/mist levels above applicable limits, no respirator is required. If respirator is required, the appropriate, properly fitted respirator (NIOSH/MSHA approved) should be worn during application. Follow respirator manufacturers directions for respirator use.

### **Ventilation:**

Required when spraying or applying in confined area.

### **Protective Clothing:**

Avoid contact with eyes. Wear chemical goggles if there is the possibility of contact or splashing in the eye. Avoid prolonged or repeated contact with skin. Wear chemical resistant gloves and other clothing to keep exposure to a minimum. Cover arms and legs.

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:**

Store away from heat, sparks and flame. Keep containers tightly closed. Do not store above 120°F. Based on the product flashpoint and vapor pressure, suitable storage should be provided in accordance with OSHA regulation 1910.106. Do not reuse container. Empty containers may contain hazardous residue. Do not cut, puncture or weld on or near container. Prevent breathing vapor or spray mist.

## **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.

# FT410 High Build Epoxy—Part B

Material Safety Data Sheet

Page 3 of 4

FT 410™ is a two component 100% solids, low viscosity, chemical resistant epoxy coating. It can be used alone as a clear or with Epoxy Color Additive to achieve a variety of colors.

## I. IDENTIFICATION

Manufacturer Phone: 1.800637.7793  
Trade Name: FT 350 High Build Epoxy Primer—Part B  
Product Type: Modified Epoxy Resin  
DOT Shipping Name: Paint, paint related material NA 1760. Complies with 29CFR 1910.1200 (The Hazard Communication Standard)  
Emergency Telephone No:

## II. HAZARDOUS INGREDIENTS

INGREDIENTS:	CAS #	TLV TWA	OSHA PEL	TLV STEL	CEILING	RECOMMEND
<b>PROPRIETARY ADDITIVE</b>	Trade Secret	300.00p.p.m.	Not Established	Not Established	Not Established	Not Established
<b>PROPRIETARY ADDITIVE</b>	Trade Secret	Not Established	Not Established	Not Established	Not Established	5.00 p.p.m.
<b>PROPRIETARY RESIN</b>	Not Established	Not Established	Not Established	Not Established	Not Established	Not Established
<b>PROPRIETARY RESIN</b>	Not Established	Not Established	Not Established	Not Established	Not Established	Not Established
<b>BENZYL ALCOHOL 1-5% WT. (BENZENEMETHANOL)</b>	100-51-6	Not Established	Not Established	Not Established	Not Established	10.00 p.p.m.

There are no SARA 313 chemicals in this product. All components of this product are in compliance with US TSCA Chemical Substance Inventory requirements.

## III. PHYSICAL DATA

**Boiling Range:** 400 °F  
**Vapor Density:** 3.7  
**Vapor Pressure:** approx 1mm Hg @ 86 °F  
**Specific Gravity:** 1.09  
**Solubility in Water:** No  
**% Volatile by Volume:** 3.18%  
**pH of 1% Solution:** NA  
**Coefficient of Water:** NA  
**Appearance/Odor:** Low viscosity, clear liquid. Faint, ammonia

## IV. FIRE AND EXPLOSION HAZARD DATA

**Flashpoint:** 200 °F  
**Lower Explosive:** NA  
**Upper Explosive:** NA  
**Auto Ignition:** NA  
**Sensitivity to Impact:** None  
**Sensitivity to Discharge:** NA  
**Extinguishing Media:** In case of fire, use alcohol foam, dry chemical water spray or carbon dioxide. Water spray may be used to cool containers and keep exposed material from being damaged by fire.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Closed containers may explode due to build up of pressure, when exposed to extreme heat.

### **Special Firefighting Procedures:**

Self-contained breathing apparatus, or air masks.

## V. HEALTH AND SAFETY

**Threshold Limit Value:** Not required for mixture.  
**Effects of Overexposure:**  
**Immediate Effects:**  
Eyes: May cause irritation, burns and/or corneal injury and eye damage.  
Skin: Corrosive, can cause burns, allergic or skin reaction, irritation, sensitization, and/or dermatitis.  
Inhalation: Harmful if inhaled. May affect the brain, nervous system, or respiratory system, causing dizziness, headache, nausea or respiratory irritation. Overexposure to ingredients in this product may cause nose and throat irritation.  
Ingestion: Can cause severe damage to mouth and throat.  
**Delayed Effects (Chronic):** Possible sensitization. Contains ingredients which may cause kidney damage, dermatitis.

# FT410 High Build Epoxy—Part B

## Material Safety Data Sheet

Page 4 of 4

(Continued from page 3)

Medical conditions generally aggravated by exposure: Any respiratory or skin condition.

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

Eyes: Flush at once with potable water for at least fifteen minutes. Get immediate medical attention.  
Skin: Wash with soap and warm water. Remove contaminated clothes. Wash before reuse. Destroy contaminated shoes.  
Inhalation: Remove to fresh air. Administer oxygen if breathing is difficult. Get immediate medical attention if effects persist.  
Ingestion: If swallowed contact medical personnel immediately to determine best course of action.

### **VI. REACTIVITY DATA**

**Conditions to Avoid:** None

#### **Hazardous Decomposition**

**Products:** Carbon monoxide and carbon dioxide.

**Hazardous Polymerization:** None

**Incompatibility:** NA

**Stability:** Stable

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

Ventilate area. Avoid breathing of vapors. Use self contained breathing apparatus or air mask for large spills in a confined area. Eliminate ignition sources. Remove with inert absorbent and non-sparking tools. Avoid contact with eyes.

Waste Disposal Method: Dispose in chemical disposal area or in a manner that complies with local, State and Federal regulations. Do not incinerate closed containers.

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

**Respiratory Protection:** Unless air monitoring demonstrates vapor/mist levels above applicable limits, no respirator is required. If respirator is required, the appropriate, properly fitted respirator (NIOSH/MSHA approved) should be worn during application. Follow respirator manufacturers directions for respirator use.

**Ventilation:** Required when spraying or applying in confined area.

**Protective Clothing:** Avoid contact with eyes. Wear chemical goggles if there is the possibility of contact or splashing in the eye. Avoid prolonged or repeated contact with skin. Wear chemical resistant gloves and other clothing to keep exposure to a minimum. Cover arms and legs.

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:**

Store away from heat, sparks and flame. Keep containers tightly closed. Do not store above 120°F. Based on the product flashpoint and vapor pressure, suitable storage should be provided in accordance with OSHA regulation 1910.106. Do not reuse container. Empty containers may contain hazardous residue. Do not cut, puncture or weld on or near container. Prevent breathing vapor or spray mist.

### **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.