

I. PRODUCT IDENTIFICATION	
PRODUCT NAME: Fast Cure Epoxy 45	PRODUCT NO.: 445
ITEM NUMBERS: 44581, 44583	Issued: 1/1/83
PRODUCT TYPE: Epoxy	
FORMULA NO.: Does not apply	

II. COMPOSITION

Ingredients

RESIN

Epoxy resin
TITANIUM DIOXIDE
SILICA, AMORPHOUS TREATED

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CAS No.

25069-89-6
11643-51-2
112945-52-5

45-50
45-50
5-10
1-3

HARDENER

Aluminum hydroxide, hydrated
Polyurethane
Substituted aminophenol
Aromatic plasticizer
STYRENE MONOMER
SILICA, AMORPHOUS TREATED
ETHYLENE GLYCOL

45-50
30-35
3-10
3-10
1-3
1-3

* This component is listed as a SARA Section 313 Toxic Chemical.

III. CHEMICAL AND PHYSICAL PROPERTIES

Vapor Pressure: Less than 5 mm at 80°F
Solubility, Water: Not available
Specific Gravity: Not available
Boiling Point: RESIN: = 1.68
More than 300°F
Volatile Organic Compound (EPA Method 24)
Evaporation Rate: 9.47% Resin
pH: 14.5% Hardener
Appearance: Not available
RESIN: White Paste
HARDENER: Black Paste
RESIN: Milk

Odor: HARDENER: Disagreeable

IV. FLAMMABILITY AND EXPLOSIVE PROPERTIES

Flash Point: More than 200°F
Health Hazard: HARDENER: 2
Method: Tag Closed Cup

Fire Hazard:

RESIN: 1
HARDENER: 1

Reactivity Hazard:

RESIN: 1
HARDENER: 1
RESIN: 1
HARDENER: 2

Specific Hazard:

RESIN: 1
HARDENER: 1

Flammability Hazard:

RESIN: 1
HARDENER: 1

Reactivity Hazard:

RESIN: 1
HARDENER: 1

Personal Protection:

See Section X.
Explosive Limits: 3-2% Ethylone glycol
Recommended in air/Upper 15-3% Ethylene glycol
Extinguishing Agents: Carbon dioxide, foam, dry chemical

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IV. FLAMMABILITY AND EXPLOSIVE PROPERTIES
Hazardous Products Formed by Fire or Thermal Decomp: Irritating organic vapor.
Unusual Fire or Explosion Hazards: None
Compressed Gases: None
Pressure at Room Temp.: Does not apply

V. SPILL OR LEAK AND DISPOSAL PROCEDURES
Steps to be taken in case of spill or leak: Soak up in an inert absorbent. Store in a partly filled, closed container until disposal.
Recommended methods of disposal: Incinerate following EPA and local regulations.

VI. STORAGE AND HANDLING PROCEDURES
Storage: Store below 110°F to preserve shelf life.
Handling: Keep away from eyes. Avoid prolonged skin contact.

VII. SHIPPING REGULATIONS
DOT (49 CFR 172) Unrestricted
Proper Shipping Name Unrestricted
Hazard Class of Division None
IATA Identification Number Unrestricted
UN or ID Number None

IMO Substancy
Marine Pollutant Status Not available
Class or Division Not available
Subsidiary Risk Label Not available
IMDG Code Page Not available
UN Number Not available

VIII. REACTIVITY DATA
Stability: Stable
Hazardous Polymerization: Will not occur.
Hazardous Decomposition Products (non-Thermal): None
Incompatibility: None

IX. EMERGENCY TREATMENT PROCEDURES
Ingestion: Induce vomiting. Obtain medical attention.
Inhalation: Move to fresh air. If symptoms persist, obtain medical attention.
Skin Contact: Flush with water.
Eye Contact: Flush at least 15 minutes with water. Obtain medical attention.

X. PERSONAL PROTECTION
Eyes: Safety glasses or goggles recommended.
Skin: Rubber or plastic gloves recommended.
Ventilation: Sufficient to maintain vapor concentration below TLV.

XI. HEALTH HAZARD DATA
Toxicity: Eye and skin irritant. Moderate by ingestion.
Primary Routes of Entry: Not Available
Signs and Symptoms: May cause dermatitis on prolonged contact in sensitive individuals.
Existing Conditions: None known
Aggravated by Exposure: None known

Exposure Limits (TWA)
Ingredients: ACGIH (TLV) OSHA (PEL) OTHER
Aluminum hydroxide, hydrated 10 mg/m3 dust 15 mg/m3 dust
TITANIUM DIOXIDE 10 mg/m3 dust 15 mg/m3 respir. None
5 mg/m3 dust
5 mg/m3 resp
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