

ARCOR®
EPOXY TECHNOLOGIES™

ARCOR Epoxy Inc.

PO Box 273 So. Dennis, MA 02660
 Tel:800-878-9593 Fax: 888-878-9593

Material Safety Data Sheet

Material

EE-80 Base

Date Prepared 11/03

Emergency Telephone	Day: 800-878-9593
	Night: 800-878-9593

HAZARDOUS INGREDIENTS	CAS NUMBER	OSHA PEL	ACGIH TLV	Other
Epoxy Resin	25068-38-6	not established	not established	
Epoxy Ester Resin	26761-45-5	not established	not established	

Health Hazard Data

Routes Of Entry
 Skin, Ingestion, Inhalation

Health Hazards
 Skin: Dermal irritation; Eyes: Eye Irritation
 Ingestion: Gastrointestinal Irritation
 Inhalation: Respiratory Irritation

Signs and Symptoms of Exposure
 Skin: Reddening, Swelling, Rash, Blistering, Scaling
 Ingestion: Dizziness, Weakness
 Inhalation: Burning in nose & throat, Chest pains
 Eyes: Pain, tearing, Reddening, Swelling

Medical Conditions Aggravated By Exposure
 Skin and Eye conditions

Emergency and First Aid Procedures
 Skin: Immediately remove with clean cloth, wash with soap and water. If irritation persists get medical advice.
 Ingestion: DO NOT INDUCE VOMITING. Drink lots of water and consult physician immediately.
 Inhalation: If symptoms occur move to fresh air and consult physician immediately.
 Eyes: Flush with clean water for 15 minutes. Consult Physician if irritation persists.

Physical/Chemical Characteristics

Boiling Point	Not Applicable	Melting Point	Not Applicable
Vapor Pressure	Not Applicable	Evaporation Rate	Negligible
Vapor Density	Not Applicable	Specific Gravity	1.12
Appearance & Odor	light Amber, Clear, slight color		
Solubility in Water	slight		

Precautions For Safe Handling and use

Flash Point
 200 F Min.

Flammable Limits
 LEL: not available UEL: not available

Extinguishing Media
 Dry Chemical, Carbon Dioxide, Foam, Water Spray

Special Fire Fighting Procedures
 Full emergency equipment with self-contained breathing apparatus and full protective clothing should be worn by firefighters. No skin should be exposed

Unusual Fire and Explosion Hazards
 Decomposition and combustion products may be hazardous.

Precautions For Safe Handling and use

Spillage
 Absorb with inert material e.g. earth or sand. Sweep into labeled containers. Flush area with detergent and water.

Waste Disposal
 Dispose of in accordance with Federal, State & Local Regulations

Precautions For Handling and Storage
 Store in tightly closed containers in cool dry place. Avoid high temperatures and ignition sources

Hygiene Practices
 Do not eat, drink, smoke when using. Remove contaminated cloths and wash before reuse. Wash hands and exposed skin with soap and water.

Reactivity Data

Stability
 Stable

Stability Conditions To avoid
 Not Applicable

Incompatibility (materials to avoid)
 Strong Oxidizing Agents, acids, bases

Hazardous Decomposition Products
 Carbon Monoxide & Irritating Toxic Fumes

Hazardous Polymerization
 Will not occur

Control Measures

Respiratory Protection
 Not required in normal use. NIOSH respirator if spraying

Ventilation
 When suitable natural ventilation is not available provide local exhaust ventilation especially when spraying.

Other Protective Measures
 Provide all workers with permeation resistant gloves (butyl rubber), safety glasses. Cover as much skin as possible. Do not wear contact lenses while handling.

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Material Safety Data Sheet

Material

EE-80 Activator

Date Prepared 11/03

Emergency Telephone	Day: 800-878-9593
	Night: 800-878-9593

HAZARDOUS INGREDIENTS	CAS NUMBER	OSHA PEL	ACGIH TLV	%
4-Aminopropylmorpholine	123-00-2	not established	not established	<20
2,4,6 Tridimethylenepentaline	112-57-2	not established	not established	<2
TEPA				

Health Hazard Data

Routes Of Entry

Skin, Ingestion, Inhalation

Health Hazards

Skin: Dermal irritation; Eyes: Eye Irritation
 Ingestion: Gastrointestinal Irritation
 Inhalation: Respiratory Irritation

Signs and Symptoms of Exposure

Skin: Reddening, Swelling, Rash, Blistering, Scaling
 Ingestion: Dizziness, Weakness
 Inhalation: Burning in nose & throat, Chest pains
 Eyes: Pain, tearing, Reddening, Swelling

Medical Conditions Aggravated By Exposure

Skin and Eye conditions

Emergency and First Aid Procedures

Skin: Immediately remove with clean cloth, wash with soap and water. If irritation persists get medical advice.
 Ingestion: DO NOT INDUCE VOMITING. Drink lots of water and consult physician immediately.
 Inhalation: If symptoms occur move to fresh air and consult physician immediately.
 Eyes: Flush with clean water for 15 minutes. Consult Physician if irritation persists.

Physical/Chemical Characteristics

Boiling Point	>200C (392F)	Melting Point	Not Applicable
Vapor Pressure	1.29 mm Hg @ 21C (70F)	Evaporation Rate	Negligible
Vapor Density	Not Applicable	Specific Gravity	.97
Appearance & Odor	clear, slight amine odor		
Solubility in Water	slight		

Precautions For Safe Handling and use

Flash Point	>100C (>212F) (setaflash)
Flammable Limits	LEL: not available UEL: not available
Extinguishing Media	Dry Chemical, Carbon Dioxide, Foam, Water Spray
Special Fire Fighting Procedures: ClassIII B	Full emergency equipment with self-contained breathing apparatus and full protective clothing should be worn by firefighters. No skin should be exposed
Unusual Fire and Explosion Hazards	Decomposition and combustion products may be hazardous.

Precautions For Safe Handling and use

Spillage	Absorb with inert material e.g. earth or sand. Sweep into labeled containers. Flush area with detergent and water.
Waste Disposal	Dispose of in accordance with Federal, State & Local Regulations
Precautions For Handling and Storage	Store in tightly closed containers in cool dry place. Avoid high temperatures and ignition sources
Hygiene Practices	Do not eat, drink, smoke when using. Remove contaminated cloths and wash before reuse. Wash hands and exposed skin with soap and water.

Reactivity Data

Stability:	Stable
Stability Conditions To avoid:	Not Applicable
Reactivity:	Mineral acids (i.e. sulfuric, phosphoric, etc.). Organic acids (i.e. acetic acid, citric acid etc.). Oxidizing Agents(i.e. perchlorates, nitrates etc.). Reactive metals (i.e. sodium, calcium, zinc etc.). Sodium or Calcium Hypochlorite. CAUTION! N-Nitrosamines, many of which are known to be potent carcinogens, may be formed when the product comes in contact with nitrous acid, nitrites or atmospheres with high nitrous oxide concentrations. Product slowly corrodes copper, aluminum, zinc and galvanized surfaces. Reaction with peroxides may result in violent decomposition of peroxide possibly creating an explosion. Materials reactive with hydroxyl compounds. Nitrites, nitrosating agents. A reaction accompanied by large heat release occurs when the product is mixed with acids. Heat generated may be sufficient to cause vigorous boiling creating a hazard due to splashing or splattering of hot material.

Control Measures

Respiratory Protection	Not required in normal use. NIOSH respirator if spraying
Ventilation	When suitable natural ventilation is not available provide local exhaust ventilation especially when spraying.
Other Protective Measures	Provide all workers with permeation resistant gloves (butyl rubber), safety glasses. Cover as much skin as possible. Do not wear contact lenses while handling.