

DEVCON 5-MINUTE EPOXY HARDENER

Material Safety Data Sheet

Index stock no. 14250

ITW Devcon Corporation, 30 Endicott St., Danvers, Massachusetts 01923
Emergency telephone no.: (508) 777-1100; other calls: (508) 777-1100

Hazardous Materials Identification System ratings: Health: 2; Flammability: 1; Reactivity: 1

Revised: December 14, 1989

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Section 1. Product Identity

Trade name: 5-MINUTE EPOXY HARDENER

Chemical family: Polyepoxyepoxide/polyamine mixture

Other product information: The following information applies to the hardener component of the two-part kit and to freshly mixed resin and hardener. After curing, 5-Minute Epoxy is not hazardous.

Section 2. Hazardous Ingredients

Table with 4 columns: Ingredient, Weight Pct., CAS No., TLV-TWA. Contains 1 entry for Bisphenol A diglycidyl ether resin.

- 1. "TLV" means the Threshold Limit Value exposure (8-hour time-weighted average, unless otherwise noted) established by ACGIH.
2. "OSHA PEL" refers to the Permissible Exposure Limits for airborne contaminants as specified in 29 CFR 1900.1000.
3. "HCS" indicates that neither TLV nor OSHA Permissible Exposure Limit has been established.

Section 3. Physical Properties

Table with 2 columns: Property, Value. Includes boiling point, vapor density, evaporation rate, specific gravity, vapor pressure, appearance and odor, and volatile organic compounds.

Section 4. Fire and Explosion Hazard Data

Table with 2 columns: Property, Value. Includes flash point, extinguishing media, special firefighting procedures, and unusual fire and explosion hazards.

Section 5. Health Hazard Data

Emergency and first aid procedures: EYES: Flush eye with clean water for at least 15 minutes while gently holding eyelids open. Get immediate medical attention.
SKIN: Remove contaminated clothing and shoes. Wash thoroughly with soap and warm water.
INHALATION: Remove patient to fresh air.
INGESTION: Do not induce vomiting. Consult a physician.

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Table with 2 columns: Property, Value. Includes toxicity data (oral, dermal, inhalation) and systems of acute overexposure.

Effects of chronic overexposure: Prolonged or severe overexposure to HMP vapor can cause delayed lung damage and chemical pneumonia.
Medical conditions which exposure may aggravate: None reported.

Table with 2 columns: Property, Value. Includes carcinogenicity and reproductive toxicity information.

Section 6. Reactivity Data

Stability: Chemically stable.
Conditions to avoid: Open flame and extreme heat.
Hazardous decomposition products: Oxides of carbon, oxides of sulfur, oxides of nitrogen.

Section 7. Spill or Leak Procedures

Spill control: Absorb spill on inert material such as sand or vermiculite and transfer to an approved container.
Hazardous waste disposal: Remove to a waste disposal facility operating in compliance with state and local regulations.

Section 8. Protective Equipment

EYES: Safety glasses with side shields.
SKIN: Chemical resistant rubber gloves.
RESPIRATION: None required in normal use with proper ventilation.

Section 9. Precautions for storage, handling, etc.

- Store well closed in a cool, dry place.
-Keep hands away from eyes when handling this hardener, or before washing after use.
-Flush thoroughly after using, particularly before eating or smoking.

Devcon Corporation bases the information and recommendations in this document on data believed to be correct. No warranty of any kind, however, is made as to the information in this document.

DEVCON 5-MINUTE EPOXY RESIN

Material Safety Data Sheet

Index stock no. 14250

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Hazardous Materials Identification System ratings: Health: 1; Flammability: 1; Reactivity: 1

Revised: December 14, 1989

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Section 1. Product Identity

Trade name: 5-MINUTE EPOXY RESIN

Chemical family: Epoxy resin

Other product information: This information applies to the resin component of the two-part kit; handle freshly-mixed resin and hardener as recommended for the hardener. After curing, the product is not hazardous.

Section 2. Hazardous Ingredients

Table with 4 columns: Ingredient, Weight Pct., CAS No., TLV-TWA. Contains 1 entry for Bisphenol A diglycidyl ether resin.

- 1. "TLV" means the Threshold Limit Value exposure (8-hour time-weighted average, unless otherwise noted) established by ACGIH.
2. "OSHA PEL" refers to the Permissible Exposure Limits for airborne contaminants as specified in 29 CFR 1900.1000.
3. "HCS" indicates that neither TLV nor OSHA Permissible Exposure Limit has been established.

Section 3. Physical Properties

Table with 2 columns: Property, Value. Includes boiling point, vapor density, evaporation rate, specific gravity, vapor pressure, appearance and odor, and volatile organic compounds.

Section 4. Fire and Explosion Hazard Data

Table with 2 columns: Property, Value. Includes flash point, extinguishing media, special firefighting procedures, and unusual fire and explosion hazards.

Section 5. Health Hazard Data

Emergency and first aid procedures: EYES: Flush eye with clean water for at least 15 minutes while gently holding eyelids open. Get immediate medical attention.
SKIN: Wash thoroughly with soap and warm water.
INHALATION: Remove patient to fresh air.
INGESTION: Do not induce vomiting. Give two glasses of water to dilute unless patient is unconscious.

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Table with 2 columns: Property, Value. Includes toxicity data (oral, dermal, inhalation) and systems of acute overexposure.

Effects of chronic overexposure: Prolonged or repeated skin contact may cause sensitization, with itching, swelling, or rashes on later exposure.
Medical conditions which exposure may aggravate: Allergic, eczema, or other skin disorders.

Table with 2 columns: Property, Value. Includes carcinogenicity and reproductive toxicity information.

Section 6. Reactivity Data

Stability: Chemically stable.
Conditions to avoid: Open flame and extreme heat.
Hazardous decomposition products: Oxides of carbon, aldehydes and acids from incomplete combustion.

Section 7. Spill or Leak Procedures

Spill control: Prevent skin and eye contact. Large spills may be absorbed on inert material such as sand or vermiculite.
Hazardous waste disposal: Remove to a waste facility operating in compliance with state and local regulations.

Section 8. Protective Equipment

EYES: Safety glasses with side shields.
SKIN: Impervious gloves and other gear as required to prevent skin contact.
RESPIRATION: None required in normal handling temperatures.

Section 9. Precautions for storage, handling, etc.

- Store in a cool, dry place.
-Handle mixed resin and hardener in accordance with the potential hazard of the curing agent used.
-Remove contaminated clothing and protective gear; clean thoroughly before using again. Discard contaminated leather articles.

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