

ITW Permatex
Devcon Home Brand
10 Columbus Blvd.
Hartford, CT 06106 USA
Telephone: 1-87-Permatex
(877) 376-2839
Emergency: 800-255-3924 (ChemTel)
International Emergency: +01-813-248-0585

Material Safety Data Sheet

1. PRODUCT IDENTIFICATION

Product Name: DEVCON HOME 60 SEC. EPOXY (HARDENER)
Item No: 21245V
Product Type: Epoxy hardener

2. COMPOSITION/INFORMATION ON INGREDIENTS

Component:	Weight%	ACGIH; TLV-TWA	OSHA PEL
POLYAMINE-POLYMERCAPTAN BLEND Mixture	>80	Not listed	Not listed
2,2-OXYBIS (N,N-DIMETHYLETHANAMINE) 3033-62-3	<5	0.05 ppm	Not listed
SUBSTITUTED AMIDINE 6674-22-2	<5	Not listed	Not listed

3. HAZARDS IDENTIFICATION

Toxicity: Corrosive. The product causes burns of eyes, skin and mucous membranes.
Primary Routes of Entry: Eye and skin contact, ingestion, inhalation
Signs and Symptoms of Exposure: Eye irritation may be severe and result in injury. Contact causes severe skin irritation and possible burns. Inhalation of vapours is irritating to the respiratory system, may cause throat pain and cough. Ingestion can cause damage to the mucous membranes or other tissues with which contact is made.
Aggravated Medical Condition: Preexisting eye, skin and respiratory disorders may be aggravated by overexposure to this product.
WHMIS Hazard Class: E CORROSIVE MATERIAL

4. FIRST AID MEASURES

Ingestion: Do not induce vomiting. Slowly dilute with 1-2 glasses of water or milk and seek medical attention. Never give anything by mouth to an unconscious person.
Inhalation: Move to fresh air in case of accidental inhalation of vapours. Oxygen or artificial respiration if needed. If symptoms persist, call a physician.
Skin Contact: Rinse immediately with plenty of water for at least 15 minutes. Obtain medical attention. Wash contaminated clothing before re-use. Discard contaminated shoes.
Eye Contact: Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Immediate medical attention is required.

5. FIRE FIGHTING MEASURES

Flash Point °F(C°): >200°F (>93°C)
Recommended Extinguishing Media: Dry chemical, Carbon dioxide, Foam
Special Fire-Fighting Procedures: Firefighters should wear self-contained breathing apparatus and protective clothing to prevent all skin and eye contact
Hazardous Products of Combustion: Oxides of carbon, Oxides of nitrogen, Oxides of sulfur, Hydrogen sulfide
Unusual Fire/Explosion Hazards: Irritating or toxic gases or fumes may be generated by thermal decomposition or combustion.
Lower Explosive Limit: n/d
Upper Explosive Limit: n/d

6. ACCIDENTAL RELEASE MEASURES

Spill Procedures: Maintain good ventilation. Take up with an inert absorbent. Store in a closed waste container until disposal. Wear appropriate protective and respiratory equipment.

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7. HANDLING AND STORAGE

Storage: Store in a cool, dry area. Keep away from acids and oxidizers.
Handling: Do not inhale vapors. Avoid contact with skin and eyes. Avoid contact with clothing. Wash thoroughly after handling. Discard contaminated leather gloves and shoes.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Eyes: Safety glasses with side shields or chemical goggles.
Skin: Neoprene or nitrile gloves recommended.
Ventilation: Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction.
Respiratory Protection: An approved organic vapor respirator should be worn when exposures are expected to exceed the applicable limits.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Amber liquid
Odor: Mercaptan
Boiling Point: n/d
pH: Not applicable
Solubility in Water: Dispersable
Specific Gravity: 1.12
VOC(Wt.%): 0
Vapor Pressure: n/d
Vapor Density (Air=1): >1
Evaporation Rate: <1 (butyl acetate = 1)

10. STABILITY AND REACTIVITY

Chemical Stability: Stable
Hazardous Polymerization: Will not occur
Incompatibilities: Strong oxidizers, Amines, Acids
Conditions to Avoid: Excessive heat
Hazardous Products of Combustion: Oxides of carbon, Oxides of nitrogen, Oxides of sulfur, Hydrogen sulfide

11. TOXICOLOGICAL INFORMATION

Oral LD50 (rat) = >2000 mg/kg
Skin irritation: 6.62/8 (Severe)

12. ECOLOGICAL INFORMATION

No data available

13. DISPOSAL CONSIDERATIONS

Recommended Method of Disposal: Disposal should be made in accordance with federal, state and local regulations
US EPA Waste Number: NH - Not a RCRA Hazardous Waste Material

14. TRANSPORTATION INFORMATION

DOT (49CFR 172)

U.S. Department of Transportation - DOT - 49 CFR (Ground)

DOT Shipping Name: Corrosive liquid, basic, organic, n.o.s.(Mercaptan/Amine blend), Limited Quantity
Hazard Class: Class 8 PGIII
UN/ID Number: UN 3267

IATA (Air)

Proper Shipping Name: Consumer Commodity
Class or Division: Class 9
UN/ID Number: ID 8000

IMDG (Vessel)

Proper Shipping Name: Corrosive liquid, basic, organic, n.o.s.(Mercaptan/Amine blend), Limited Quantity
Hazard Class: Class 8 PGIII
UN Number: UN 3267

Marine Pollutant: None

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SARA 313 Chemicals: The following component(s) is listed as a SARA Section 313 Toxic Chemical.

None

California Proposition 65: No California Prop 65 chemicals are known to be present.

TSCA Inventory Status: All components of this product are listed (or exempt) on the EPA TSCA inventory.

16. OTHER INFORMATION

Estimated NFPA Rating: HEALTH 3, FLAMMABILITY 1, REACTIVITY 0.

Estimated HMIS Classification: HEALTH 3, FLAMMABILITY 1, PHYSICAL HAZARD 0

(NFPA is a registered trademark of the National Fire Protection Association)

(HMIS is a registered trademark of the National Paint and Coatings Association)

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Material Safety Data Sheet

1. PRODUCT IDENTIFICATION

Product Name: DEVCON HOME 60 SEC. EPOXY (RESIN)
Item No: 21245DV
Product Type: Epoxy resin

2. COMPOSITION/INFORMATION ON INGREDIENTS

Component:	Weight%	ACGIH; TLV-TWA	OSHA PEL
BISPHENOL A/EPICHLOROHYDRIN BASED EPOXY RESIN 25068-38-6	60-100	Not listed	Not listed
TREATED SILICON DIOXIDE, SYNTHETIC, CRYSTALLINE-FREE 67762-90-7	1-5	10 mg/m ³	Not listed

3. HAZARDS IDENTIFICATION

Toxicity: This material is irritating to skin, eyes and respiratory tract. May cause skin sensitization.
Primary Routes of Entry: Eye and skin contact, ingestion, inhalation
Signs and Symptoms of Exposure: May cause pain, redness or swelling of the eyes and excessive blinking and tear production. Eye irritation may be severe and result in injury. Skin redness. Repeated skin contact may cause allergic skin reactions. Ingestion may cause cramps or diarrhea.
Aggravated Medical Condition: Preexisting pulmonary and dermatological disorders.

4. FIRST AID MEASURES

Ingestion: If swallowed, do not induce vomiting - seek medical advice. Never give anything by mouth to an unconscious person.
Inhalation: Move to fresh air in case of accidental inhalation of vapours. If symptoms persist, call a physician.
Skin Contact: In case of contact, immediately flush skin with plenty of soap and water for at least 15 minutes. Get medical attention. Remove contaminated clothing and launder before reuse.
Eye Contact: Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Immediate medical attention is required.

5. FIRE FIGHTING MEASURES

Flash Point °F(C°): >400°F (>204°C)
Recommended Extinguishing Media: Dry chemical, Carbon dioxide, Foam
Special Fire-Fighting Procedures: Firefighters should wear self-contained breathing apparatus and protective clothing to prevent all skin and eye contact
Oxides of carbon, Phenolics
Hazardous Products of Combustion:
Unusual Fire/Explosion Hazards: Heating above 149°C (300°F) in the presence of air may cause slow oxidation decomposition and above 260°C (500°F) may cause polymerization.
Lower Explosive Limit: n/d
Upper Explosive Limit: n/d

6. ACCIDENTAL RELEASE MEASURES

Spill Procedures: Maintain good ventilation. Take up with an inert absorbent. Store in a closed waste container until disposal.

7. HANDLING AND STORAGE

Storage: Store in a cool, dry area. Store away from heat.
Handling: Avoid contact with skin and eyes. Use in a well ventilated area. Wash thoroughly after handling. Discard contaminated leather gloves and shoes.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Eyes: Safety glasses
Skin: Neoprene or nitrile gloves recommended
Ventilation: Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction.
Respiratory Protection: An approved organic vapor respirator should be worn when exposures are expected to exceed the applicable limits.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Viscous liquid
Odor: Little odor
Boiling Point: >500°F (260°C)
pH: Not applicable
Solubility in Water: Negligible
Specific Gravity: 1.16
VOC(Wt.%): 0
Vapor Pressure: 0.03 mmHg @ 171°F
Vapor Density (Air=1): >1
Evaporation Rate: <1 (butyl acetate = 1)

10. STABILITY AND REACTIVITY

Chemical Stability: Stable
Hazardous Polymerization: Will not occur
Incompatibilities: Strong Lewis or mineral acids, strong oxidizing agents, strong mineral and organic bases (especially primary and secondary aliphatic amines)
Conditions to Avoid: Excessive heat
Hazardous Products of Combustion: Oxides of carbon, Phenolics

11. TOXICOLOGICAL INFORMATION

See Section 3

12. ECOLOGICAL INFORMATION

No data available

13. DISPOSAL CONSIDERATIONS

Recommended Method of Disposal: Disposal should be made in accordance with federal, state and local regulations
US EPA Waste Number: NH - Not a RCRA Hazardous Waste Material

14. TRANSPORTATION INFORMATION

DOT (49CFR 172)

U.S. Department of Transportation - DOT - 49 CFR (Ground)

DOT Shipping Name: Not regulated
Hazard Class: None
UN/ID Number: None

IATA (Air)

Proper Shipping Name: Not regulated
Class or Division: None
UN/ID Number: None

IMDG (Vessel)

Proper Shipping Name: Not regulated
Hazard Class: None
UN Number: None

SARA 313 Chemicals: The following component(s) is listed as a SARA Section 313 Toxic Chemical.

None

Product Name: DEVCON HOME 60 SEC. EPOXY (RESIN)

Item No. 21245DV

California Proposition 65: No California Prop 65 chemicals are known to be present.

TSCA Inventory Status: All components of this product are listed (or exempt) on the EPA TSCA inventory.

16. OTHER INFORMATION

Estimated NFPA Rating: HEALTH 2, FLAMMABILITY 1, REACTIVITY 0.

Estimated HMIS Classification: HEALTH 2, FLAMMABILITY 1, PHYSICAL HAZARD 0

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