

Material Safety Data Sheet

Devcon

DEVCON CORPORATION/30 ENDICOTT STREET/DANVERS, MASSACHUSETTS 01923/(617) 777-1100

The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind expressed or implied is made to the information contained herein.

H HEALTH	2
F FLAMMABILITY	1
R REACTIVITY	1

HAZARDOUS MATERIAL IDENTIFICATION SYSTEM

SECTION 1 - IDENTITY AND EMERGENCY INFORMATION

TRADE NAME: **5-MINUTE EPOXY - HARDENER** EMERGENCY TELEPHONE NO. (617) 777-1100

CHEMICAL FAMILY: **Polymercaptan** OTHER INFORMATION CALLS: DEVCON SAFETY DEPT (617) 777-1100

OTHER PRODUCT INFORMATION: The following health hazard data pertain to the hardener only. When fully cured, the mixed product is non-hazardous.

SECTION 2 - HAZARDOUS INGREDIENTS

INGREDIENTS	CAS NUMBER	%	NATURE OF HAZARD
2,4,6-Tri(Dimethylaminomethyl)Phenol	90-72-2	10-30	Severe eye irritant, may be a sensitizer

SECTION 3 - PHYSICAL DATA

BOILING POINT (F)	n.a.	VAPOR DENSITY (AIR = 1)	n.a.	EVAPORATION RATE (BuAc = 1)	n.a.
MELTING POINT (F)	n.a.	SPECIFIC GRAVITY	0.97	SOLUBILITY IN WATER	Nil
VAPOR PRESSURE (mm Hg) @ 78°F	Nil	PERCENT VOLATILE BY VOLUME (%)	0	pH (5 wt. % in H ₂ O)	9.5
APPEARANCE AND ODOR	Light amber liquid, sulfurous odor				

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (F) (Method Used)	300°F (TOC)	FLAMMABLE LIMITS IN AIR	LEL	UEL
EXTINGUISHING MEDIA	CO ₂ , foam or dry chemical		n.a.	n.a.
SPECIAL FIRE FIGHTING PROCEDURES	Firefighters should wear self-contained breathing apparatus and protective clothing.			
UNUSUAL FIRE AND EXPLOSION HAZARDS	None			

SECTION 5 - HEALTH HAZARD DATA

EMERGENCY AND FIRST AID PROCEDURES	
EYES:	Flush with clear water for 15 minutes.
SKIN:	Wash thoroughly with soap and water.
INGESTION:	Contact a physician. Do not induce vomiting.
INHALATION:	Remove to fresh air.

SECTION 5 - HEALTH HAZARD DATA (Continued)

THRESHOLD LIMIT VALUE Not established	ORAL LD ₅₀ (RAT): >1600mg/kg (90-72-2)	DERMAL LD ₅₀ (RABBIT): >1300mg/kg (90-72-2)	INHALATION LC ₅₀ (RAT) N/A	IRRITATION Primary Skin Eye
ROUTE OF EXPOSURE		EFFECTS OF OVEREXPOSURE		0/8 Posit
ACUTE:				
EYES:	Mild to moderate irritation			
SKIN:	Not an irritant			
INHALATION:	No data			
CHRONIC:	Prolonged or repeated overexposure may cause allergic sensitization to sensitive individuals.			
CARCINOGENICITY:	NTP? No	ACGIH? No	IARC MONOGRAPHS? No	OSHA REGULATED? No
MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE Allergies, eczema, skin condition				

SECTION 6 - REACTIVITY DATA

STABILITY	UNSTABLE		CONDITIONS TO AVOID Exposure to open flame or excessive heat.
	STABLE	X	
INCOMPATIBILITY (Materials to Avoid) Strong oxidizing agents			
HAZARDOUS DECOMPOSITION PRODUCTS Oxides of carbon, sulfur and nitrogen			
HAZARDOUS POLYMERIZATION	MAY OCCUR		CONDITIONS TO AVOID Heat is generated when mixed with epoxy resin. Use caution when mixing large quantities.
	WILL NOT OCCUR	X	

SECTION 7 - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED Absorb spillage on inert material and discard in suitable containers.
WASTE DISPOSAL METHOD Remove to a waste disposal facility operating in compliance with state and local regulations.

SECTION 8 - SPECIAL PROTECTION INFORMATION

EYES:	Safety glasses
SKIN:	Chemical resistant rubber gloves
INHALATION:	None needed in normal use with proper ventilation
VENTILATION:	General mechanical is satisfactory. If odor is disagreeable, use local exhaust.

SECTION 9 - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING, STORING, ETC. Keep hands away from eyes when handling material or before washing after use. Wash thoroughly after using, particularly before eating or smoking. Store in a cool, dry place.
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D.O.T. PROPER SHIPPING NAME Not hazardous
D.O.T. HAZARD CLASS (IF APPLICABLE) _____

REVISED
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