

# Material Safety Data Sheet

## Devcon

<b>H</b> HEALTH	1
<b>F</b> FLAMMABILITY	1
<b>R</b> REACTIVITY	0

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.

HAZARDOUS MATERIAL IDENTIFICATION SYSTEM

### SECTION 1 - IDENTITY AND EMERGENCY INFORMATION

TRADE NAME	292-PSA1, 292-PSA4 PLASTIC STEEL PUTTY (A) - RESIN 292-PSR3	EMERGENCY TELEPHONE NO. (817) 777-1100
CHEMICAL FAMILY	292-PSR1, -RS, -RG Filled Epoxy Resin	OTHER INFORMATION CALLS: DEVCON SAFETY DEPT (817) 777-1100

OTHER PRODUCT INFORMATION: The following health hazard data pertain to E1 resin only. When mixed with the hardener, uncured material should be handled in accordance with the precautions recommended on the hardener Material Safety Data Sheet.

### SECTION 2 - HAZARDOUS INGREDIENTS

INGREDIENT	TLV	PEL	CAS NUMBER	%	NATURE OF HAZARD
Bisphenol A diglycidyl ether resin	0	0	25068-38-6	10-30	Moderate skin sensitizer
	0	0			
	0	0			
	0	0			
	0	0			

N/E= Neither TLV nor PEL established

### SECTION 3 - PHYSICAL DATA

BOILING POINT (F.)	n.a.	VAPOR DENSITY (AIR = 1)	>1	EVAPORATION RATE (BuAc = 1)	n.a.
MELTING POINT (F.)	n.a.	SPECIFIC GRAVITY	2.8	SOLUBILITY IN WATER	Nil
VAPOR PRESSURE (mm Hg) @ 78°F	Nil	PERCENT VOLATILE BY VOLUME (%)	0	pH (5 wt % in H <sub>2</sub> O)	7.0

#### APPEARANCE AND ODOR

Dark gray paste; low odor.

### SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (F.) (Method Used)	>400°F (FMCC)	FLAMMABLE LIMITS IN AIR	LEL	UEL
			n.a.	n.a.

#### EXTINGUISHING MEDIA

CO<sub>2</sub> or dry chemicals. Polymer foams for large fires.

#### 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 water for 15 minutes. Get medical attention.
SKIN:	Wash with soap and warm water. Get medical attention if irritation develops.
INGESTION:	Do not induce vomiting. Administer two glasses of water. Get medical advice.
INHALATION:	Remove to fresh air. Administer oxygen if breathing is difficult. Get medical attention.

**SECTION 5 - HEALTH HAZARD DATA (Continued)**

Epoxy resin:	ORAL LD <sub>50</sub> (RAT): 11.4g/kg	DERMAL LD <sub>50</sub> (RABBIT): >20g /kg	INHALATION LC <sub>50</sub> (RAT) No deaths in saturated air for 8 hours
EFFECTS OF ACUTE OVEREXPOSURE---		EFFECTS OF CHRONIC OVEREXPOSURE--	
EYES:	Mild irritation	Prolonged or repeated skin contact may tend to sensitization with itching, swelling or skin rashes on further exposure.	
SKIN:	Mild irritation		
INHALATION:	No data		
INGESTION:	Not strongly toxic, but epoxy resin and metal filler may cause gastric pain.		
MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:			
Allergies, eczema or other skin disorders			
CARCINOGENICITY:	OSHA	ACGIH	NTP
	NO	NO	NO
			IARC
			NO

**SECTION 6 - REACTIVITY DATA**

STABILITY	UNSTABLE		CONDITIONS TO AVOID
	STABLE	X	Open flame and excessive heat.
INCOMPATIBILITY (Materials to Avoid) Strong oxidizing agents and strong acids			
HAZARDOUS DECOMPOSITION PRODUCTS Oxides of carbon, aldehydes and acids from incomplete combustion.			
HAZARDOUS POLYMERIZATION	MAY OCCUR		CONDITIONS TO AVOID
	WILL NOT OCCUR	X	Heat is generated when mixed with epoxy hardener. Use caution when mixing large quantities.

**SECTION 7 - SPILL OR LEAK PROCEDURES**

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED	Prevent skin and eye contact. Scrape up and discard in suitable containers. Use absorbent material if necessary. Wash spill area with an industrial cleaning agent. If a solvent is used for cleaning take precautions against fire and personal overexposure.
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 with side shields
SKIN:	Chemical resistant rubber gloves and other protective clothing as required to prevent skin contact.
INHALATION:	None required at normal handling temperatures.
VENTILATION:	Local exhaust is recommended for confined areas. General ventilation is adequate for normal use.

**SECTION 9 - SPECIAL PRECAUTIONS**

PRECAUTIONS TO BE TAKEN IN HANDLING, STORING, ETC.
Store in a cool, dry place. Handle in accordance with the potential hazard of the curing agent used. Remove contaminated clothing and protective gear. Launder or clean before re-use. Destroy leather articles, including shoes that cannot be decontaminated. Wash thoroughly after using, particularly before eating or smoking. If cured material is sanded or machined, use proper precautions. Wear adequate protective equipment to prevent overexposure to nuisance particulates.

D.O.T. PROPER SHIPPING NAME Non-regulated  
 D.O.T. HAZARD CLASS (IF APPLICABLE) \_\_\_\_\_

REVISED \_\_\_\_\_  
 DATE: JULY 1986