F WELD COMPANY

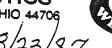
Phone 214/885-7696

MATERIAL SAFETY DATA SHEET

. O. Box 483

U.S. CHEMICAL & PLASTICS

niphur Springs, Texas 75482 1446 W. TUSCARAWAS ST. • CANTON, OHIO 44706 PHONE: (216) 455-4311



SECTION I	IDENTIFICATION OF PRODUCT
TRADE NAME Epoxy Steel Resin	PRODUCT CODE 48170
	48102 48009
SYNONYM OR CROSS REFERENCE	PROPER SHIPPING NAME
Epoxy Resin	Resin Solution

SECTION II HAZA	RDOUS INGREDIENTS	
114 11 tad 1874a	NATURE OF HAZARD	
Bisphenol A-Epichlorohydrin Resin	Eye and Skin Irritant	82655
		8280

See Page, 3

SECTION III	PHYSICAL DATA
1/1000 00000	MELTING POINT N/A
VAPOR PRESSURE N/A	SPECIFIC GRAVITY 1.17
VAPOR DENSITY (AIR =1) > 1 WATER SOLUBILITY Not: Soluble	PERCENT VOLATILE BY VOLUME (%) Unknown
APPEARANCE Dark Smooth Paste	EVAPORATION RATE (ethyl ether = 1)

SECTION IV FIRE A	ND EXPLOSION HAZARD I		
FLASH POINT (method used)	SAULUSI GARAGE	DATA	
COC 200°F	FLAMMABLE LIMITS	Lower	Upper
FIRE EXTINGUISHING	N/A	-	40

Water, CO,, Dry Chemical MEDIA

SPECIAL FIRE-FIGHTING PROCEDURES Self contained breathing apparatus with full face

UNUSUAL FIRE AND EXPLOSION HAZARD Unknown

SECTION V HEALTH HAZARD THRESHOLD LIMIT VALUE Product ILV not established. componence its is impr

HEALTH HAZARDS May cause skin sensitation or allergies to susceptible individuals. May cause temporary eye irritation.

FIRST AID PROCEDURES

EYES: Flush with excess water, call physician.

SKIN: Wash with soap and water, if irritation continues call physician.

INHALATION: Remove patient to fresh air, apply artificial respiration if necessary,

(Essentially similar to OSHA Form 20)

call physician.

INGESTION: Induce vomiting and call physician.

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Sulphur Springs, Texas 75482

STABILITY	SECTION V		Y DATA
	VITO IABLE	CONDITION	S TO AVOID O
	STABLE	neat (above	ve 100°F) and/or contact with s agents or alkalias
		X Oxidizing	agents or alkalies.
INCOMPATABILITY (materials	to avoid)		
Strong acids, strong	oxidizing agen	ire overen	
HAZARDOUS DECOMPOSITION	ON PRODUCTS	, or scrong at	Kalies
Carbon Monoxide, Carb	on Products		
	on bloxide, Ac	crid Fumes	
HAZARDOUS POLYMERIZATION	MAY OCCUR	CONDITIONS	
· GET MENEATION		and amid	STO AVOID Strong acids and amines
	WILL NOT OCCUR		es
SECTION	IVII EDIL	X	
SPILLS Pick up lar	ge spille with	AND DISPOSA	L PROCEDURES
disposal. Small spil	ls, wash and cl	lean with soap ar	L PROCEDURES Place in proper container for
		and agen soap at	id water.
DISPOSAL	٠		•
Disposal me	ethod must comp	oly with Local o	tate and Federal Regulations.
,	•	, 20622, 3	tate and rederal Regulations.
₹.	•		• •
SECTI RESPIRATORY PROTECTION (s	ON VIII PR	OTECTION IN	FORMATION
THE STATE OF THE S	therity tunes		
(3	If '	TT.V is assessed in	
(5	If	TLV is exceeded,	use NIOSH approved respirator
	If the state of th	TLV is exceeded,	use NIOSH approved respirator
	If '	TLV is exceeded,	use NIOSH approved respirator
	LOCAL	TLV is exceeded,	use NIOSH approved respirator
/ENTILATION	LOCAL	TLV is exceeded,	use NIOSH approved respirator
ENTILATION se in well ventilated rea.	LOCAL EX	TLV is exceeded, xhaust AL (general)	use NIOSH approved respirator
/ENTILATION se in well ventilated rea. ROTECTIVE GLOVES	LOCAL EX MECHANICA	TLV is exceeded, xhaust AL (general) ptable	SPECIAL See Section IX OTHER
/ENTILATION se in well ventilated rea. ROTECTIVE GLOVES	LOCAL EX MECHANICA	TLV is exceeded, xhaust AL (general) ptable EYE PROTECTI	SPECIAL See Section IX OTHER
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MATERIAL SAFETY DATA SHEET

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PRODUCT RATING

HMIS LABEL CODE:

HEALTH

FLAMMABILITY

REACTIVITY

J B Weld

PRODUCT: Epoxy Steel Resin

SECTION II - LIST OF INGREDIENTS

0 = least hazard to

4 = greatest hazard

				I - LIST OF INGREDIENTS Weight			
			•	% Range:	CAS #	TLV/P	
Epoxy Resin				27 / 29/			
				37-42%	25.068-38-6	N.E.	
Limestone				36-41%	1317-65-3	ACGIH TWA-10mg/	
						OSHA	
Two Doudew					İ	PEL-15MPP	
Iron Powder				15-20%	N.E.	ACGIH TLV-15mg/r	
,						OSHA PEL-15 MP1	
Aluminum Powder				1-5%	7429-90-5	l	
					1423-30-3	ACGIH TLV-5mg/m	
·						OSHA PEL-15 MPE	
				1	1		
ll other ingredients	are less	s than	1%,				
ll other ingredients on-hazardous, or tra	are less de secret	s than ts.	1%,				
on-nazardous, or tra	de secret	ts.					
ll other ingredients on-hazardous, or tra	are less de secret	s than ts.	1%,				
ARCINOGENICITY	NTP	ts.					
ARCINOGENICITY None N.E. not estable N/A not applications	NTP	ts.					
ARCINOGENICITY None N.E. not estable N/A not application of the process of the	NTP	ts.					
ARCINOGENICITY None N.E. not estable N/A not applications PMC:dw	NTP	ts.					
ARCINOGENICITY None N.E: not estable N/A not application of the stable	NTP	ts.					