MATERIAL SAFETY DATA SHEET

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VERSACHEM CORPORATION 6643 42nd Terrace North West Palm Beach, FL 33407 (407) 845-2425

BRAVO

SECTION I IDENTIFICATION OF PRODUCT				
TRADE NAME	PRODUCT CODE			
4 Minute Epoxy Steel Resin	44-2C			
SYNONYM OR CROSS REFERENCE	PROPER SHIPPING NAME			
Epoxy Resin	Resin Solution			

SECTION II HAZARDOUS INGREDIENTS

MATERIAL

NATURE OF HAZARD

Epichlorohydrin Bisphenol A
(Epoxy)

Eye and skin irritant

See Page 3.

SECTION III	PHYSICAL DATA
BOILING POINT Unk.	MELTING POINT N.A.
VAPOR PRESSURE Unk	SPECIFIC GRAVITY 1.17
VAPOR DENSITY (AIR = 1) Unk.	PERCENT VOLATILE BY VOLUME (%) < 50%
WATER SOLUBILITY Not soluble	EVAPORATION RATE (Ethyl Ether = 1) < 1
ADDEADANCE TO	

APPEARANCE Black paste

SECTION IV	FIRE AND EXPLOSION HAZARD	DATA	
FLASH POINT (method used)	FLAMMABLE LIMITS	Lower	Upper
360° F. COC	N.A.		

FIRE EXTINGUISHING

MEDIA Water, CO₂, Dry Chemical, Foam

SPECIAL FIRE-FIGHTING PROCEDURES

Self-contained breathing apparatus recommended

UNUSUAL FIRE AND EXPLOSION HAZARD
Unknown

SECTION V HEALTH HAZARD

THRESHOLD LIMIT VALUE

N/E

HEALTH HAZARDS

Avoid contact with eyes, skin and clothing

FIRST AID PROCEDURES

EYES: Can cause irritation. Flush with excess water. Call a physician.

SKIN: Prolonged or repeated contact can cause moderate irritation, defatting and

dermatitis. Wash with soap and water.

INHALATION: Excessive inhalation of vapors can cause nasal and respiratory irritation.

Remove to fresh air. Call physician.

SWALLOWED: Can cause gastrointestinal irritation, nausea, vomiting, diarrhea.

Induce vomiting. Call physician.

S	ECTION VI	REACTIVITY	DATA		
STABILITY	UNSTABLE	CONDITIONS			
	STABLE	Excessive	heat (above 100° F.)		
INCOMPATABILITY (materials to a Strong acids and bases	•				
HAZARDOUS DECOMPOSITION	PRODUCTS	-			
Carbon monoxide and ca	arbon dioxide				
HAZARDOUS POLYMERIZATION	MAY OCCUR		CONDITIONS TO AVOID Excessive heat (above 100° F.)		
		X			
SPILLS	/II SPILL A	AND DISPOSAL	. PROCEDURES		
Spilled materia		iked with sand a	nd/or absorbent material		
DISPOSAL Dispose of mat	erial in acco	rdance with Loca	l, State and Federal Laws.		
			•		
SECTIO	N VIII PR	OTECTION INF	ORMATION		
RESPIRATORY PROTECTION (SP		OITOIIOIA IIAP	CHMATION		
	NIOSH	approved respira	tory mask.		
VENTILATION	LOCAL	Recommended	SPECIAL Not required		
Use in well ventilated area	MECHANICA	AL (general) eptable	OTHER Not required		
PROTECTIVE GLOVES		EYE PROTECT			
Neoprene gloves		Safety g	125565		
OTHER PROTECTIVE EQUIPMEN	IT	502200) 6	140000		
Safety shower and eye	•	n			
SECTION IX	HANDLING	AND STORAG	E PRECAUTIONS		
STORAGE & HANDLING					
Store at ambient tempe	ratures. Kee	p away from open	flames, sparks and		
extreme heat (100° F.	and higher).				
MISCELLANEOUS					
Do not flame cut, bra	ze or weld em	pty containers.			

The information in this Material Safety Data Sheet has been compiled from our experience and data presented in various technical publications. It is the users responsibility to determine the suitability of this information for the adoption of safety precautions as may be necessary. We reserve the right to revise Material Safety Data Sheets from time to time as new technical information becomes available. The user has the responsibility to contact the company to make sure that the sheet is the latest one issued

MATERIAL SAFETY DATA SHEET

VERSACHEM CORPORATION 6643 42nd Terrace North 5t Palm Beach, FL 33407 J7) 845-2425 PRODUCT RATING

HMIS LABEL CODE:

HEALTH

FLAMMABILITY

1

0 = least hazard to 4 = greatest hazard REACTIVITY

1

PRODUCT: 4 Minute Epoxy Steel Resin SECTION II - LIST OF INGREDIENTS

44-2C	Weight % Range:	CAS #	TLV/PEL
Epoxy Resin	20 40	05060 1	
	38 - 42	25068-38-6	N/E *
Limestone	47 - 50	1317-65-3	5 mg/m ³
Iron Powder	6 - 9	7439-89-6	N/E *
Atomized Aluminum	1 - 3	7429-90-5	5 mg/m ³
Silicon Dioxide	0.5 - 2.0	7631-86-9	20 mppcf
All other raw materials are less than 1% and are Trade Secrets			
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