

220 Epoxy

290-EP220

U.S. DEPARTMENT OF LABOR
Occupational Safety and Health Administration

Form Approved
OMB No. 44-R1387

MATERIAL SAFETY DATA SHEET

Required under USDL Safety and Health Regulations for Ship Repairing,
Shipbuilding, and Shipbreaking (29 CFR 1915, 1916, 1917)

SECTION I

Supplier Information:
Santa Fe Jewellery Supply
1513 Fifth Street Santa Fe, NM 87505

EMERGENCY TELEPHONE NO.
474-4933

CHEMICAL NAME AND SYNONYMS
Epoxy Resin

TRADE NAME AND SYNONYMS
Epoxy 220A

CHEMICAL FAMILY
Epichlorohydrin - Bisphenol A Resin

FORMULA
Proprietary

SECTION II - HAZARDOUS INGREDIENTS

PAINTS, PRESERVATIVES, & SOLVENTS	%	TLV (Units)	ALLOYS AND METALLIC COATINGS	%	TLV (Units)
PIGMENTS			BASE METAL		
CATALYST			ALLOYS		
VEHICLE			METALLIC COATINGS		
SOLVENTS			FILLER METAL PLUS COATING OR CORE FLUX		
ADDITIVES Atomized Glass	2		OTHERS Epoxy Resin	98	NA
OTHERS					
HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES				%	TLV (Units)
NA					

SECTION III - PHYSICAL DATA

BOILING POINT (°F.) Decomposes First		SPECIFIC GRAVITY (H ₂ O=1)	1.16
VAPOR PRESSURE (mm Hg.)	--	PERCENT VOLATILE BY VOLUME (%)	Nil
VAPOR DENSITY (AIR=1)	--	EVAPORATION RATE (_____ =1)	NA
SOLUBILITY IN WATER	Nil		
APPEARANCE AND ODOR	Milky color - no odor		

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used) TOC 491F	FLAMMABLE LIMITS	Lel	Uel
		NA	NA
EXTINGUISHING MEDIA	Chemical Foam, CO ₂		
SPECIAL FIRE FIGHTING PROCEDURES	None		
UNUSUAL FIRE AND EXPLOSION HAZARDS	None		

250 EPOXY

SECTION V - HEALTH HAZARD DATA	
THRESHOLD LIMIT VALUE	NA
EFFECTS OF OVEREXPOSURE	Mild to moderate irritation, corneal injury not likely; mild irritation might cause sensitization response in some people.
EMERGENCY AND FIRST AID PROCEDURES	Wipe skin free of product with clean cloth or paper, then wash area with soap and plenty of water. Remove contaminated clothing and clean before re-use. Flush eyes with plenty of fresh water.

SECTION VI - REACTIVITY DATA			
STABILITY	UNSTABLE		CONDITIONS TO AVOID
	STABLE	X	
INCOMPATIBILITY (Materials to avoid) --			
HAZARDOUS DECOMPOSITION PRODUCTS --			
HAZARDOUS POLYMERIZATION	MAY OCCUR	X	CONDITIONS TO AVOID with large excesses of catalysts
	WILL NOT OCCUR		

SECTION VII - SPILL OR LEAK PROCEDURES	
STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED	
Soak up in absorbent material, then sweep into container for disposal.	
WASTE DISPOSAL METHOD	
Approved land fill	

SECTION VIII - SPECIAL PROTECTION INFORMATION		
RESPIRATORY PROTECTION (Specify type)		
VENTILATION	LOCAL EXHAUST	SPECIAL
	MECHANICAL (General) As required	OTHER
PROTECTIVE GLOVES	Disposable rubber or plastic	EYE PROTECTION Safety glasses
OTHER PROTECTIVE EQUIPMENT		

SECTION IX - SPECIAL PRECAUTIONS	
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING	Handle so no skin contact occurs. Use disposable containers and tools. Cover work surface with paper to be burned.
OTHER PRECAUTIONS	Isolate work area and permit only trained personnel to handle. Do not permit tools from work area to be used by untrained personnel. Maintain good housekeeping standards.