

310774

MATERIAL SAFETY DATA SHEET

403C

SECTION I - IDENTIFICATION	
MANUFACTURER'S NAME Ross Chemical Company	EMERGENCY TELEPHONE NO. 313-842-7370
ADDRESS (Number, Street, City, State, and ZIP Code) 8485 Melville St, Detroit, Michigan 48209	
CHEMICAL NAME AND SYNONYMS 4,4' Isopropyl ideneoiphenol-Epichlorohydrin Resin	TRADE NAME AND SYNONYMS Ross Epoxy Gl
CHEMICAL FAMILY	FORMULA Ross #178-- #179 Resin

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			OTHERS		
OTHERS	Part A (Alone)	100 Rat	11.4 g per kg (LD50-ORAL)		
HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES					TLV (Units)

SECTION III - PHYSICAL DATA			
BOILING POINT (°F.)		SPECIFIC GRAVITY (H ₂ O=1) at 68°F	1.17
VAPOR PRESSURE (mm Hg.)	Nil	PERCENT VOLATILE BY VOLUME (%)	0
VAPOR DENSITY (AIR=1)	?	EVAPORATION RATE (_____ %)	
SOLUBILITY IN WATER	Nil		
APPEARANCE AND ODOR	Amber Liquid		

SECTION IV - FIRE AND EXPLOSION HAZARD DATA			
FLASH POINT (Method used)	480°F (C&O)	FLAMMABLE LIMITS	Le ^l Ue
EXTINGUISHING MEDIA	Water spray, foam, CO₂, dry chemicals		
SPECIAL FIRE FIGHTING PROCEDURES	No special procedures. Avoid breathing smoke.		
UNUSUAL FIRE AND EXPLOSION HAZARDS	No unusual hazards.		

SECTION V - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE

None established.

EFFECTS OF OVEREXPOSURE

Primary irritation of skin on prolonged or repeated contact.

EMERGENCY AND FIRST AID PROCEDURES

Remove from skin with water or waterless skin cleaner.

SECTION VI - REACTIVITY DATA

STABILITY

UNSTABLE

CONDITIONS TO AVOID

STABLE

X

INCOMPATIBILITY (Materials to avoid)

Strong oxidizing agents.

HAZARDOUS DECOMPOSITION PRODUCTS

Carbon monoxide, aldehydes, acids, etc.

HAZARDOUS POLYMERIZATION

MAY OCCUR

CONDITIONS TO AVOID

WILL NOT OCCUR

X

Exotherms when cured.

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Clean with a cloth - observe fire hazard if solvents are used.

WASTE DISPOSAL METHOD

Controlled burning or burial according to local, state and federal anti-pollution regulations.

SECTION VIII - SPECIAL PROTECTION INFORMATION FOR LARGE QUANTITIES

RESPIRATORY PROTECTION (Specify type)

Niosh approved respiratory protection equipment.

VENTILATION

LOCAL EXHAUST

SPECIAL

Highly recommended.

MECHANICAL (General)

OTHER

Highly recommended.

PROTECTIVE GLOVES

Rubber Gloves

EYE PROTECTION

Goggles

OTHER PROTECTIVE EQUIPMENT

As necessary to prevent all body contact.

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Store in a cool place.

OTHER PRECAUTIONS

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