

M A T E R I A L S A F E T Y D A T A S H E E T

I. IDENTIFICATION

MANUFACTURED BY: Diamond Vogel Paint
1020 Albany Place South
Orange City, Ia 51041

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24 Hour Emergency Telephone
CHEMTREC 1-800-424-9300

General Information:
Mon-Fri 8 AM - 5 PM
712-737-4996

TRADE NAME: Mult-E-Poxy 230AL Aluminum (Part A)

MFG. PRODUCT NUMBER: LF-2230

PROPER SHIPPING NAME: PAINT

II. HAZARDOUS INGREDIENTS

CAS #25068-38-6	Bis A, Epchlorhydri Epoxy	WT %:	50-75
ACGIH TLV:	N.E.	ACGIH STEL:	N.E.
OSHA PEL:	N.E.	OSHA CEILING:	N.E.
VAPOR PRESSURE:	N.E.	LEL%:	N.E.
OSHA PEAK:			N.E.
CAS #7429-90-5	Aluminum	WT %:	5-20
ACGIH TLV:	TWA-10mg/m3	ACGIH STEL:	
OSHA PEL:	TWA-15mg/m3	OSHA CEILING:	
VAPOR PRESSURE:		LEL%:	
OSHA PEAK:			
CAS #64742-95-6	Aromatic 100	WT %:	5-20
ACGIH TLV:	100 PPM	ACGIH STEL:	150 PPM
OSHA PEL:	100 PPM	OSHA CEILING:	
VAPOR PRESSURE:	4.4 mm	LEL%:	1.0
OSHA PEAK:			
Footnote:			(1)
CAS #1330-20-7	Xylene	WT %:	1-5
ACGIH TLV:	100 ppm TWA	ACGIH STEL:	150 ppm
OSHA PEL:	100 ppm TWA	OSHA CEILING:	
VAPOR PRESSURE:	9.5 mm Hg	LEL%:	1.0
OSHA PEAK:			
Footnote:			(1)

WARNING MESSAGES:

- (1) Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal. Chronic exposure may cause damage to the central nervous system, respiratory system, lung, eye, skin, liver, gastrointestinal tract, spleen, kidneys, and blood.
- (2) See Section IX for reportable Hazardous Air Pollutants.

III. PHYSICAL DATA

BOILING RANGE: 281-326° F

EVAPORATION RATE: * slower than ether *

PERCENT VOLATILE BY VOLUME: 29.75%

WEIGHT PER GALLON: 9.75 LBS

VAPOR DENSITY: * heavier than air *

ACTUAL VOC (lb/gal): 2.16

EPA VOC (lb/gal): 2.16

EPA VOC (g/L): 258.85

IV. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: 31° C 87° F LEL: Refer to Section II

FLAMMABILITY CLASSIFICATION: CLASS 1C

DOT CLASSIFICATION (HAZARD CLASS): *Flammable Liquid

EXTINGUISHING MEDIA: Use water spray, dry chemical, foam, or Carbon Dioxide. Use water spray to cool fire-exposed containers.

UNUSUAL FIRE AND EXPLOSION HAZARDS: keep away from heat, sparks, and flame.

SPECIAL FIRE FIGHTING PROCEDURES: Do not use water. It will react with the aluminum to form combustible hydrogen gas.

V. HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE: See Section II.

EFFECTS OF OVEREXPOSURE:

ACUTE- Moderately irritating to the eyes and skin. Vapors may be mildly irritating to the nose, throat and respiratory tract and may be slightly toxic and harmful if inhaled or ingested.

CHRONIC- Repeated contact can result in defatting and drying of the skin which may result in skin irritation and dermatitis. Prolonged inhalation may result in central nervous system depression which may be evidenced by giddiness, headache, dizziness and nausea; in extreme cases, unconsciousness and death may occur.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Eye disease, Skin disorders and Allergies

PRIMARY ROUTE(S) OF ENTRY: Ingestion, Skin Absorption, Inhalation

EMERGENCY AND FIRST AID PROCEDURES:

INHALATION: Remove to fresh air. Restore breathing. Treat symptomatically. Consult a physician.

EYES: Flush immediately with large amounts of water for at least 15 minutes. Talk to a physician for medical treatment.

SKIN: Wipe off with towel. Wash with soap and water. Remove contaminated clothing.

INGESTION: If swallowed, call a physician immediately. Remove stomach contents by gastric suction or induce vomiting only as directed by a medical personnel. Never give anything by

mouth to an unconscious person.

VI. REACTIVITY DATA

STABILITY: *stable*

HAZARDOUS POLYMERIZATION: *will not occur*

INCOMPATIBILITY: * Water, acids and alkalis. *

HAZARDOUS DECOMPOSITION PRODUCTS: Fire, burning and welding may generate carbon monoxide, aldehydes, acids and other organic substances.

CONDITIONS TO AVOID: Avoid acid contamination and skin contact. Keep containers tightly closed. No smoking or eating in handling area.

VII. SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

Remove all sources of ignition (flames, hot surfaces and electrical, static or frictional sparks). Avoid breathing vapors. Ventilate area. Use non-sparking tools. Remove with inert absorbant.

WASTE DISPOSAL METHOD: Dispose of in accordance with local, state, and federal regulations.

VIII. SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: In confined areas of poor ventilation, use chemical cartridge respirator or self-contained breathing apparatus.

VENTILATION: Provide general dilution or local exhaust ventilation in volume and pattern to keep TLV and LEL of most hazardous ingredient in Section II, below acceptable limit.

PROTECTIVE GLOVES: Impermeable gloves to prevent skin contact.

EYE PROTECTION:

Splash proof eye goggles. In emergency situations, use eye goggles with a full face shield.

OTHER PROTECTIVE EQUIPMENT:

Wear suitable clothing. Long sleeved clothing.

HYGIENIC PRACTICES: See Section V

IX. SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Do not store near heat, sparks, flame, strong oxidizing agents or strong acids

OTHER PRECAUTIONS: Avoid resealing containers that have been contaminated with water. The resulting reaction could cause a pressure within the container which is great enough to burst the container.

LIST OF HAZARDOUS AIR POLLUTANTS SUBJECT TO THE PROVISIONS OF THE CLEAN AIR ACT, TITLE I SECTION 112 'National Emission Standards for Hazardous Air Pollutants':

Ingredient	CAS #	Wt% of HAPS in product	Pounds HAPS/ Gal product
----- Xylene	----- 1330-20-7	----- 3.3 %	----- 0.3
