
SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

CHEMICAL PRODUCT IDENTIFICATION:

PRODUCT ID : 7100-0555
PRODUCT CLASS : EPOXY HARDENER - WATER BASED
TRADE NAME : KM ENVIRA-POXY COMP A - CLEAR BASE
MSDS PREPARATION DATE : 05/08/2009
MANUFACTURER IDENTIFICATION:
NAME : MANUFACTURED FOR KELLY MOORE
ADDRESS : 101 PARAGON DRIVE
MONTVALE, NJ 07645
TELEPHONE : (800) 225-5554
EMERGENCY CONTACT : CHEMTREC
EMERGENCY TELEPHONE . . . (US) . . : (800) 424-9300
EMERGENCY TELEPHONE (OUTSIDE US): (703) 527-3887

SECTION 2 - COMPOSITION/INFORMATION ON HAZARDOUS INGREDIENTS

1

CAS# 64-19-7
ETHANOIC ACID
PCT BY WT: 1 - 5
EXPOSURE LIMIT:
ACGIH TLV/TWA: 25 mg/m3 8 HOURS
ACGIH TLV/STEL: 37 mg/m3 15 MIN
OSHA PEL/TWA: 25 mg/m3 8 HOURS
LD50: 3310 mg/kg ORAL (RAT)

2 ETHYLENE GLYCOL N-BUTYL ETHER

CAS# 111-76-2
2-BUTOXYETHANOL
PCT BY WT: 1 - 5 VAPOR PRESSURE: .660 MMHG @ 20C
EXPOSURE LIMIT:
ACGIH TLV/TWA: 20 ppm TWA (Skin)
OSHA PEL/TWA: 50 ppm TWA (Skin)
LC50: Inhalation (Mouse) - 700 ppm/7 Hrs
LD50: Oral (Rat)- 1746 mg/kg
CA PROPOSITION 65: No

3 2-PROPOXYETHANOL

CAS# 2807-30-9
ETHYLENE GLYCOL MONOPROPYL ETHER
PCT BY WT: 3 - 7 VAPOR PRESSURE: 1.300 MMHG @ 20C
EXPOSURE LIMIT:
LC50: INHALATION (MOUSE)- 1530 ppm/7H
LD50: ORAL (RAT) - 3089 mg/kg

This product contains one or more Hazardous Air Pollutants.

This product contains no reported carcinogens or suspected carcinogens according to the information provided in Section 3 of this MSDS.

KELLY MOORE
MATERIAL SAFETY DATA SHEET

7100-555

SECTION 3 - HAZARDS IDENTIFICATION

POTENTIAL HEALTH EFFECTS

EYES: Primary irritant.

SKIN: This product may cause skin irritation or rash upon repeated or prolonged contact.

INHALATION: With poor ventilation, vapor or spray mist may irritate respiratory mucous membranes, causing headache & nausea.

INGESTION: Swallowing small amounts of this product during normal handling is not likely to cause harmful effects, but swallowing large amounts may be harmful.

ROUTE(S) OF EXPOSURE

Exposure may be inhalation and/or skin or eye contact, depending on conditions of use.

CARCINOGENICITY

No ingredient in this product is an IARC, NTP or OSHA listed carcinogen.

CHRONIC EFFECTS:

None recognized.

SECTION 4 - FIRST AID MEASURES

EMERGENCY FIRST AID:

EYE CONTACT: Flush at once with large amounts of lukewarm water for at least 15 minutes and get medical attention.

SKIN CONTACT: Remove from skin with soap and water. Remove drenched clothing. If irritation persists, consult a physician.

INHALATION: If affected by inhalation of vapor or spray mist, remove to fresh air. If necessary, restore breathing; in this case contact physician at once.

INGESTION: If victim is conscious, give 2 glasses of water to dilute. Do not induce vomiting. Consult physician or poison control center at once.

NOTE TO PHYSICIAN:

Not Applicable.

SECTION 5 - FIRE FIGHTING MEASURES

FIRE AND EXPLOSIVE PROPERTIES OF THE CHEMICAL:

Flammability Classification : N/A

KELLY MOORE
MATERIAL SAFETY DATA SHEET

7100-555

Flashpoint : N/A
Explosion Level : Low - 1.1
High - 16.0

EXTINGUISHING MEDIA

Use extinguishing media appropriate for surrounding fire. After water evaporates, remaining material will burn; use CO2, dry chemical or foam (National Fire Protection Association Class B extinguisher).

FIRE-FIGHTING PROCEDURES AND EQUIPMENT

Full protective equipment including self-contained breathing apparatus should be used. Water spray may be ineffective. If water is used, fog nozzles are preferable.

UNUSUAL FIRE AND EXPLOSION HAZARDS

Closed containers may explode when exposed to extreme heat; use water spray to cool. Product in open containers may spatter when the temperature exceeds boiling point of water.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Ventilate as described in Section 8. Avoid unnecessary skin contact. Stop and/or contain spill if it can be done safely. Avoid discharge into drains, sewers or waterways.

CLEAN-UP

Collect by absorption, shovel and/or wet moping.

SECTION 7 - HANDLING AND STORAGE

HANDLING

Transfer only to approved containers with complete & appropriate labeling. Do not take internally. Keep out of the reach of children.

STORAGE

Do not store above 120 Degrees F. Close container after each use.

SPECIAL COMMENTS

Do not take internally. Wash with soap and water before eating, drinking, smoking or using toilet. Avoid FREEZING this product.

SECTION 8 - EXPOSURE CONTROLS, PERSONAL PROTECTION

VENTILATION

Local exhaust preferable. General exhaust acceptable if the exposure to chemicals in Section 2 is maintained below applicable exposure limits.

KELLY MOORE
MATERIAL SAFETY DATA SHEET

7100-555

RESPIRATORY PROTECTION

Where exposures are below the PEL, no respiratory protection is required. Where exposures exceed the PEL, use a respirator approved by NIOSH or a full protective suit with air supply appropriate for the chemical(s) and level of exposure.

EYE PROTECTION

Wear safety spectacles with unperforated side shields.

PROTECTIVE GLOVES

None required for normal application of limited duration is expected. For long or repeated contact, wear chemical resistant gloves.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Vapor Density	:	N/A
Vapor Pressure	:	17mmHg@ 68 Degrees F (water)
Physical State	:	LIQUID
Boiling Point Range	:	Lower - 212.0 °F Higher - 343.0 °F
Specific Gravity	:	1.030
Weight per Volume	:	8.5713 LB/GL
VOC - Total (lb/gal).	:	2.231
Evaporation Rate	:	.220 (n-Butyl Acetate = 1)
Volatile by Weight	:	72.8593
Volatile by Volume	:	75.8419

SECTION 10 - STABILITY AND REACTIVITY

STABILITY

This product is stable.

INCOMPATIBILITIES (Materials to Avoid)

None known.

HAZARDOUS POLYMERIZATION

Will not occur.

CONDITIONS TO AVOID

High temperatures.

HAZARDOUS PRODUCTS OF DECOMPOSITION

Heating to decomposition, as in a fire or welding, may produce hazardous fumes. Fumes may contain carbon monoxide, carbon dioxide and oxides of nitrogen.

KELLY MOORE
MATERIAL SAFETY DATA SHEET

7100-555

SECTION 11 - TOXICOLOGICAL INFORMATION

No data at this time.

SECTION 12 - ECOLOGICAL INFORMATION

No data at this time.

SECTION 13 - DISPOSAL CONSIDERATIONS

WASTE DISPOSAL

Dispose of this product in accordance with applicable local, county, state and federal regulations, by incinerating, or treating and disposing in approved facility. Do not incinerate closed containers.

SECTION 14 - TRANSPORT INFORMATION

DOT HAZARD CLASS : N/A
DOT PACKAGING GROUP : N/A
DOT LABEL : NONE
DOT SHIPPING NAME : PAINT
DOT PLACARD : NONE
UN/NA NUMBER : NONE

SECTION 15 - REGULATORY INFORMATION

U.S. FEDERAL REGULATORY INFORMATION

TSCA SECTION 8(b) - INVENTORY STATUS:

All components of this product are either listed on the U.S. Toxic Substances Control Act (TSCA) inventory of chemicals or are otherwise compliant with TSCA Regulations.

SARA 313 TOXIC CHEMICALS:

This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372:

2-BUTOXYETHANOL

CAS# 111-76-2 PCT BY WT: 1 - 5

ETHYLENE GLYCOL MONOPROPYL ETHER

CAS# 2807-30-9 PCT BY WT: 3 - 7

KELLY MOORE
MATERIAL SAFETY DATA SHEET

7100-555

SECTION 16 - OTHER INFORMATION

Prepared by :
Date of issue : 05/08/2009
Last Revision Date : 06/13/2007
MSDS Prepared for :
MSDS Last Prepared : NONE
HMIS Rating: Health- 2 Flammability- 0
Reactivity- 0

This Material Safety Data Sheet conforms to the Hazard Communication Standard, 29 CFR 1910.1200(g)(4).

The above information pertains to this product as currently formulated and is based on the information available, as of this date. Addition of reducers or other additives to this product may substantially alter the composition and hazards of the product. Since conditions of use are outside our control, we make no warranties, express or implied, and assume no liability in connection with any use of this information.

Abbreviations used: int.- interior; ext.- exterior; MSDS - Material Safety Data Sheet; HMIS - Hazardous Materials Information System; CAS - Chemical Abstracts Services; pct - percent; wt - weight; mm Hg - millimeters of mercury; F - Fahrenheit; ACGIH - American Conference of Governmental Industrial Hygienists; TLV - Threshold Limit Value; OSHA - Occupational Safety and Health Administration; PEL - Permissible Exposure Limit; TWA - Time-Weighted Average; STEL- Short Term Exposure Limit; N/A- Not applicable IARC - International Agency for Research on Cancer; NE - Not established NTP - National Toxicological Program; CFR - Code of Federal Regulations; OSHA - Z 29CFR 1910, Subpart Z; VOC - Volatile Organic Compounds; TCC - Tag Closed Cup; LEL - Lower Explosive Limit; Mg/m3 or Mg/Cu M - milligram per cubic meter; mppcf - millions of particles per cubic foot; ppm - parts per million; NIOSH - National Institute of Occupational Safety and Health; MSHA - Mine Safety and Health Administration; CNS - Central Nervous System.

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