

EPOXY

MSDS Number

CKPSJ

National Stock Number

8010-01-441-5910

Product Name

EPOXY

Manufacturer

CRAWFORD LABORATORIES INC

Product Identification

Product ID:EPOXY

MSDS Date:03/07/1996

FSC:8010

NIIN:01-441-5910

Status Code:A

MSDS Number: CKPSJ

Responsible Party

CRAWFORD LABORATORIES, INC

4165 SOUTH EMERALD AVENUE

CHICAGO , IL 60609

US

Emergency Phone: (800)424-9300

Info Phone: 312-376-7132

Preparer: DAVID SCHMETTERER

Cage: 5V430

Contractor

CRAWFORD LABORATORIES, INC

CHICAGO, IL 60609

US

312-376-7132

Cage: 5V430

Ingredients

METHYL ETHYL KETONE

CAS: 78-93-3

RTECS: EL6475000

OSHA PEL100 PPM

EPA Report Quantity: 5000 LBS

DOT Report Quantity: 5000 LBS

100 SOLVENT

CAS: 64742-95-6

RTECS: WF3400000

OSHA PEL50 PPM

EPOXY RESIN

CAS: 25085-99-8

TOLUENE

CAS: 108-88-3

RTECS: XS5250000

OSHA PEL100 PPM

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

SILICONE DIOXIDE

CAS: 14808-60-7

RTECS: VV7330000

OSHA PEL0.1 MG/M3

DILUENT 8

CAS: 68609-97-2

DIATOMACEOUS EARTH, FLUX-CALCINED

CAS: 68855-54-9

Hazards

Effects of Overexposure:OVEREXPOSURE MAY PRODUCE VARIOUS EFFECTS, INCLUDING: 1-ACUTE TOXICITY, RESULTING IN HEADACHE, DIZZINESS, NAUSEA, AND LOSS OF CONSCIOUSNESS. 2- SEVERE EYE IRRITATION POSSIBLY RESULTING IN PERMANENT DAM AGE. 3- IRRITATED MUCOUS MEMBRANES. 4- VOMITTING DUE TO INGESTION. 5- DEFATTING AND DRYING OF THE SKIN. 6- SENSITIZATION AFTER REPEATED CONTACT.

First Aid

First Aid:EYE CONTACT-FLUSH WITH LUKEWARM LOW PRESSURE WATER FOR 15 MINUTES. OCCASIONALLY LIFTING EYELIDS. GET MEDICAL ATTENTION. -INHALATION: REMOVE VICTIM TO FRESH AIR AND PROVIDE OXYGEN IF BREATHING IS DIFFICULT. GIVE ARTIFICIAL RESPIRATION IF NOT BREATHING. GET MEDICAL ATTENTION. KEEP VICTIM WARM AND COMFORTABLE. INGESTION: IF SWALLOWED, CALL PHYSICIAN IMMEDIATELY. ONLY INDUCE VOMITTING ON INSTRUCTIONS OF PHYSICIAN. IF VOMITTING OCCURS SPONTANEOUSLY, KEEP HEAD BELOW HIPS TO PREVENT ASPIRATION OF LIQUID INTO LUNGS. NEVER GIVE ANYTHING BY MOUTH TO UNCONSCIOUS PERSON. -*

Fire Fighting

Flash Point Method:SCC

Flash Point:=-2.2C, 28.F

28F

Lower Limits:1.4

Extinguishing Media:FOAM, CO2, OR DRY CHEMICAL. -

Fire Fighting Procedures:WATER MAY BE USED TO KEEP EXPOSED CONTAINERS COOL, AND TO KEEP FLAMMABLE STRUCTURES WET. DO NOT ENTER FIRE AREA WITHOUT PROPER PROTECTION BECAUSE HAZARDOUS DECOMPOSITION PRODUCTS MAY BE PRESENT. -

Unusual Fire/Explosion Hazard:WATER PRESSURE MAY SPREAD A FLAMMABLE LIQUID FIRE. SEALED CONTAINERS MAY EXPLODE IF OVERHEATED.

Accidental Release

Spill Release Procedures:FLAMMABLE. ELIMANATE ALL IGNITION SOURCES. HANDLING EQUIPMENT MUST BE GROUNDED TO PREVENT SPARKING. SOAK UP WITH AN ABSORBENT AND PLACE IN NON-LEAKING CONTAINERS. SEAL TIGHTLY FOR PROPER DISPOSAL.

Handling

Handling and Storage Precautions:TREAT AS A HAZARDOUS- FLAMMABLE MATERIAL.

Other Precautions:ANY PROPOSED USE OF THIS PRODUCT IN ELEVATED TEMPERATURE PROCESSES SHOULD BE THOROUGHLY EVALUTED TO ASSURE THAT SAFE OPERATING CONDITIONS ARE ESTABLISHED AND MAINTAINED.

Exposure Controls

Respiratory Protection:IMPORTANT MUST PROVIDE ADEQUATE VENTILATION TO MAINTAIN VAPOR CONCENTRATIONS BELOWTHE ESTABLISHED TLV LIMIT AS GIVEN BY OSHA. IN MORE CONFINED AREAS A KIOSH-MSHA APPROVED RESPIRATOR EEQUIPPED WITH OR GANIC VAPOR CARTRIDGE SHOULD BE WORN.

Ventilation:MUST PROVIDE ADEQUATE VENTILATION. -

Protective Gloves:USE RUBBER GLOVES. -

Eye Protection:WEAR APPROVED SAFETY GOGGLES AND/OR FACE SHEILD. -

Other Protective Equipment:HAVE EYE BATH AND SAFETY SHOWER AVAILABLE.

Supplemental Safety and Health

Chemical Properties

Boiling Pt:>79.4C, 175.F

B.P. Text:175-344F

Vapor Density:>AIR

Spec Gravity:1.32

Viscosity:71KU

Evaporation Rate & Reference:3.87 X N-BUTYL ACETATE

Solubility in Water:SLIGHT

Appearance and Odor:GREEN LIQUID

Percent Volatiles by Volume:34.5

Stability

Stability Indicator/Materials to Avoid:YES

MAY BE INCOMPATIBLE WITH OXIDIZING AGENTS AND STRONG ALAALIES. -

Stability Condition to Avoid:AVOID HEAT, SPARKS, OPEN FLAMES, AND

INCOMPATIBILTIES ABOVE. -

Hazardous Decomposition Products:INCOMPLETE COMBUSTION FOR PRODUCTS LIKE THIS MAY GENERATE HIGHLY POISONOUS CARBON MONOXIDE AND OTHER TOXIC GASES.

Disposal

Waste Disposal Methods:DISPOSAL MUST BE IN ACCORDANCE WITH CURRENT LOCAL, STATE AND FEDERAL REGULATION. CONTACT AN APPROVED DISPOSAL FACILITY.

Toxicology

Toxicological Information:SKIN CONTACT: FLUSH WATER WHILE REMOVING CONTAMINATED CLOTHNG. WASH WITH SOAP AND WATER. DO NOT REUSE CONTAMINATED CLOTHING. IF IRRITATION PERSISTS, GET MEDICAL ATTENTION.

Other Information

Disclaimer (provided with this information by the compiling agencies):

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Ecology

Ecological:EPA HAZARDOUS WASTE CODE: D001 CHARACTERISTICS:IGNITABLE
*HOT ORGANIC CHEMICAL VAPORS/MISTS SUSCEPTIBLE-SUDDEN SPONTANEOUS
COMBUSTION WH-MIXED W/AIR.IGNITION MAY OCCUR@TEMPERATURES BELOW
PUBLISHED IN LITERATURE
AS"AUTOIGNITION"/"IGNITION"TEMPERATURES.IGNITION TEMPERATURES
DECREASE W/INCREASING VAPOR VOLUME&VAPOR/AIR CONTACT
TIME&INFLUENCED BY PRESSURE CHANGES.IGNITION MAY OCCUR@TYPICAL
ELEVATED T EMPERATURE PROCESS CONDTIONS,ESPECIALLY IN PROCESS
OPERATING UNDER VACUUM IF SUBJECTED-SUDDEN INGRESS OF AIR/OUTSIDE
PROCESS.EQUIPMENT OPERATING UNDER ELEVATED PRESSURE IF SUDDEN
ESCAPE OF VAPORS/MIST S-ATMOSHERE OCCURS.

Transport

Transport Information:KNOW APPLICABLE D.O.T. REGULATIONS BEFORE
ATTEMPTING TO TRANSPORT THIS MATERIAL .

Regulatory

SARA Title III Information:METHYL ETHYL KETONE
State Regulatory Information: