

2-TON CLEAR EPOXY RESIN

MSDS Number

CLLKW

National Stock Number

8040-01-448-7564

Product Name

2-TON CLEAR EPOXY RESIN

Manufacturer

ITW DEVCON

Product Identification

Product ID:2-TON CLEAR EPOXY RESIN

MSDS Date:12/04/1998

FSC:8040

NIIN:01-448-7564

Status Code:A

Kit Part:Y

MSDS Number: CLLKW

Responsible Party

ITW DEVCON

30 ENDICOTT ST

DANVERS , MA 01923-3712

US

Emergency Phone: 800-424-9300

Info Phone: 978-777-1100

Preparer: ERNEST CARTER

Cage: 0RZG3

Contractor

ITW DEVCON

DANVERS, MA 01923-3712

US

978-777-1100

Cage: 0RZG3

Ingredients

BISPHENOL A DIGIYCIDYL ETHER RESIN

CAS: 25068-38-6

RTECS: CE6880000

Hazards

Health Hazards Acute and Chronic:SKIN:MODERATE IRRITANT. CONTACT AT ELEVATED TEMPERATURES CAN CAUSE THERMAL BURNS. MAY CAUSE SKIN SENSITIZATION (RASHES, HIVES). EYES: MODERATE IRRITANT. CONTACT AT ELEVATED TEMPERATURES CAN CAUSE THERMAL BURNS. INHALATION: THE LOW VAPOR VAPOR PRESSURE OF THE RESIN MAKES INHALATION UNLIKELY IN NORMAL USE.

Medical Cond Aggravated by Exposure:PREEXISTING EYE AND SKIN DISORDERS. DEVELOPMENT OF PREEXISTING SKIN OR LUNG ALLERGY SYMPTOMS MAY INCREASE.

First Aid

First Aid:EYES: FLUSH EYE WITH CLEAN WATER FOR AT LEAST 15 MINUTES WHILE GENTLY HOLDING EYELIDS OPEN. FLUSH SKIN WITH WATER. WASH THOROUGHLY WITH SOAP AND WARM WATER. CONSULT A PHYSICIAN IF IRRITATION DEVELOPS. INHALATION: REMOVE PATIENT TO FRESH AIR. INGESTION: DO NOT INDUCE VOMITING. GIVE TWO GLASSES OF WATER TO DILUTE IF PATIENT IS CONSCIOUS.

Fire Fighting

Flash Point Method:PMCC

Flash Point:>204.4C, 400.F

Extinguishing Media:CARBON DIOXIDE, DRY CHEMICAL, FOAM.

Fire Fighting Procedures:MATERIAL WILL NOT BURN UNLESS PREHEATED. DO NOT ENTER CONFINED SPACE WITHOUT FULL BUNKER GEAR. FIREFIGHTERS SHOULD WEAR SELF CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING. COOL FIRE EXPOSED CONTAINERS WITH WATER.

Unusual Fire/Explosion Hazard:HEATING ABOVE 300 DEG F IN THE PRESENCE OF AIR MAY CAUSE SLOW OXIDATIVE DECOMPOSITION AND ABOVE 500 DEG F MAY CAUSE POLYMERIZATION.

Accidental Release

Spill Release Procedures:FOR SMALL AND LARGE SPILLS, PUMP TO STORAGE/SALVAGE VESSELS. SOAK UP RESIDUE WITH AN ABSORBENT SUCH AS CLAY, SAND, OR OTHER SUITABLE MATERIAL AND DISPOSE OF PROPERLY. FLUSH AREA WITH WATER TO REMOVE TRACE RESIDUE. AVOID PERSONAL CONTACT. ELIMINATE IGNITION SOURCES. VENTILATE AREA. DIKE, CONTAIN AND ABSORB WITH CLAY, SAND. PREVENT FROM ENTERING DRAINAGE/ SEWER SYSTEMS.

Handling

Handling and Storage Precautions:AVOID CONTACT WITH SKIN, EYES, OR CLOTHING. WASH THOROUGHLY WITH SOAP AND WATER AFTER USING AND PARTICULARLY BEFORE EATING, DRINKING, SMOKING, APPLYING COSMETICS, OR USING TOILET FACILITIES.LAUNDRY CONTAMINATED CLOTHING AND PROTECTIVE GEAR BEFORE REUSE. DISCARD CONTAMINATED.

Exposure Controls

Respiratory Protection:NONE REQUIRED AT NORMAL HANDLING TEMPERATURES AND CONDITIONS. USE NIOSH APPROVED ORGANIC VAPOR CARTRIDGES FOR UNCURED RESIN AND DUST/PARTICLE RESPIRATORS DURING GRINDING/SANDING OPERATIONS OF CURED RESIN AS EXPOSURE LEVELS DICTATE.

Ventilation:LOCAL EXHAUST VENTILATION IS PREFERRED ALTHOUGH GOOD GENERAL MECHANICAL VENTILATION IS USUALLY ADEQUATE FOR MOST INDUSTRIAL APPLICATIONS.

Protective Gloves:CHEMICAL RESISTANT GLOVES AND OTHER GEAR AS REQUIRED TO PREVENT SKIN CONTACT

Eye Protection:SAFETY GLASSES WITH SIDE SHIELDS.

Other Protective Equipment:HAVE EMERGENCY SHOWER AND EYE WASH AVAILABLE.

Work Hygienic Practices:NONE

Supplemental Safety and Health
NONE

Chemical Properties

Boiling Pt:=260.C, 500.F

Vapor Pres:0.03 MM HG AT 171 F

Vapor Density:AIR=1>1

Spec Gravity:1.19

pH:NEUTRAL

Evaporation Rate & Reference:(BUTYL ACETATE=1): <Solubility in Water:NEGLIGIBLE

Stability

Stability Indicator/Materials to Avoid:YES

STRONG LEWIS OR MINERAL ACIDS, STRONG OXIDIZING AGENTS, STRONG MINERAL AND ORGANIC BASES (ESPECIALLY PRIMARY AND SECONDARY ALIPHATIC AMINES).

Stability Condition to Avoid:OPEN FLAME AND EXTREME HEAT.

Hazardous Decomposition Products:OXIDES OF CARBON ALDEHYDES, ACIDS AND OTHER ORGANIC SUBSTANCES MAY BE FORMED DURING COMBUSTION OR ELEVATED TEMPERATURE (>500 DEG F) DEGRADATION. FUMES OF CL MINUS, CARBON MONOXIDE.

Conditions to Avoid Polymerization:HEAT IS GENERATED WHEN RESIN IS MIXED WITH CURING AGENTS; RUN-A-WAY CURE REACTIONS MAY CHAR AND DECOMPOSE.

Disposal

Waste Disposal Methods:IF THIS RESIN BECOMES A WASTE, IT WOULD NOT BE A HAZARDOUS WASTE BY RCRA CRITERIA (40CFR 261) DISPOSE OS ACCORDING TO APPLICABLE FEDERAL, STATE, AND LOCAL REGULATIONS.

Toxicology

Toxicological Information:ACUTE ORAL EFFECTS: LD50 (RAT): 11,400 MG/KG ORAL LD50 (MCUSE)=15.6 G/KG.ACUTE DERMAL EFFECTS: LD50(RABBIT): >20 ML/KG ACUTE INHALATION EFFECTS: LC50 (RAT): NO DEATHS IN SATURATED AIR.

Other Information

Disclaimer (provided with this information by the compiling agencies): This information is formulated for use by elements of the Department of Defense. The United States of America in no manner whatsoever, expressly or implied, warrants this information to be accurate and disclaims all liability for its use. Any person utilizing this document should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation.

Transport

Transport Information:COMPOUNDS, CLEANING LIQUID

Regulatory

SARA Title III Information:FOR PURPOSES OF SARA SECTION 312 HAZARDOUS MATERIALS INVENTORY REPORTING, THE FOLLOWING HAZARD CLASES APPLY TO THIS MATERIAL: IMMEDIATE HEALTH HAZARD DELAYED HEALTH HAZARD. CANADIAN REGULATIONS. WHMIS HAZARD CLASES: D2B. ALL COMPONENTS OF THIS PRODUCT ARE ON THE DOMESTIC SUBSTANCES LIST.

Federal Regulatory Information:TSCA ALL INGREDIENTS OF THIS PRODUCT ARE LISTED, OR ARE EXEMPT FROM LISTING, ON THE TSCA INVENTORY. EXPORT NOTIFICATION IS REQUIRED UNDER TSCA SEC.12B-SEE BELOW. THE FOLLOWING RCRA CODE(S) APPLIES TO THIS MATERIAL IF IT BECOMES WASTE: NONE.REGULATORY STATUS OF HAZARDOUS CHEMICAL CONSTITUENTS OF THIS PRODUCT.

State Regulatory Information: