

OMEGABOND 101 PART B

MSDS Number

BHGNV

National Stock Number

8040-00F009529

Product Name

OMEGABOND 101 PART B

Manufacturer

OMEGA ENGINEERING INC

Product Identification

Product ID:OMEGABOND 101 PART B

MSDS Date:06/29/1988

FSC:8040

NIIN:00F009529

MSDS Number: BHGNV

Responsible Party

OMEGA ENGINEERING INC

ONE OMEGA DR.

STAMFORD , CT 06907

Emergency Phone: (203) 359-1660

Info Phone: (203) 359-1660

Cage: 29907

Contractor

OMEGA ENGINEERING INC.

4047

STAMFORD, CT 06907-0047

US

203-359-1660

Cage: 29907

Ingredients

EPICHLOROHYDRIN (SARA III)

CAS: 106-89-8

RTECS: TX4900000

Fraction By Weight:

OSHA PELs, 5 PPM

ACGIH TLV: S, 2 PPM; 9293

EPA Report Quantity: 100 LBS

DOT Report Quantity: 100 LBS

DI(3-AMINOPROPYL) ETHER

CAS: 4246-51-9

RTECS: ID6475000

Fraction By Weight:

EPICHLOROHYDRIN-BASED EPOXY RESIN

Fraction By Weight: >80.0%

Hazards

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:INHALATION/EYE/SKIN: SEVERE IRRITATION UPON DIRECT CONTACT. SKIN: PROLONGED EXPOSURE MAY RESULT IN BURNS. INGESTION: HARMFUL IF SWALLOWED.

Explanation of Carcinogenicity:EPICHLOROHYDRIN WORKERS HAVE BEEN REPORTED TO SHOW "WEAK" EVIDENCE THAT EXPOSURE TO EPICHLOROHYDRIN POSES A CANCER RISK.

Effects of Overexposure:INHALATION/EYE/SKIN: SEVERE IRRITATION UPON DIRECT CONTACT. INGESTION: HARMFUL IF SWALLOWED.

First Aid

First Aid:INHALATION: REMOVE TO FRESH AIR. GIVE OXYGEN IF BREATHING DIFFICULT; GIVE ARTIFICIAL RESPIRATION IF NOT BREATHING; GET MED ATTN. EYES: FLUSH W/PLENTY OF WATER FOR AT LEAST 15 MINS. GET MED ATTN. SKIN: REMOVE CONTAMINATED CLOTHING. WASH AFFECTED AREA W/WATER. INGESTION: DILUTE W/LARGE QUANTITIES OF WATER; INDUCE VOMITING ONLY IF VICTIM IS CONSCIOUS & ALERT. GET MED ATTN.

Fire Fighting

Flash Point Method:PMCC

Flash Point:249F

Extinguishing Media:CO2, DRY CHEMICAL, FOAM, WATER FOG.

Fire Fighting Procedures:FIRE-FIGHTERS SHOULD WEAR SELF-CONTAINED BREATHING APPARATUS.

Unusual Fire/Explosion Hazard:TOXIC VAPORS MAY BE EVOLVED UPON EXPOSURE TO HEAT, OPEN FLAME.

Accidental Release

Spill Release Procedures:WIPE UP, OR ABSORB W/VERMICULITE OR OTHER ABSORBENT MATERIAL. USE OF SOLVENTS FOR CLEAN-UP SHOULD BE LIMITED TO VERY SMALL SPILLS; USE W/PROPER VENTILATION & FIRE PRECAUTIONS. COLLECT WASTE IN SEALED CONTAINERS. SCRUB AREA W/SOAP WATER & RINSE.

Handling

Handling and Storage Precautions:STORE IN COOL, DRY PLACE; KEEP REMOVED FROM ANY HEAT OR OPEN FLAME. KEEP CONTAINER CLOSED WHEN NOT IN USE. AVOID SKIN & EYE CONTACT.

Exposure Controls

Respiratory Protection:AVOID BREATHING VAPORS. USE ONLY WITH ADEQUATE VENTILATION.

Ventilation:FLEXIBLE DUCT WORK SHOULD EXTEND TO AREAS OF HIGH CONCENTRATION TO PREVENT LOCAL BUILD-UP OF VAPOR.

Protective Gloves:PROTECTIVE

Eye Protection:GOGGLES W/SIDE SHIELDS

Work Hygienic Practices:REMOVE CONTAMINATED CLOTHING.

Supplemental Safety and Health

FOR LARGE SPILLS: TURN ON ALL VENTILATION EQUIPMENT IN AREA TO EVACUATE VAPORS. DIKE AREA TO CONTAIN SPILLED MATERIAL/TO PREVENT RUNOFF INTO DRAINS, SEWERS/OTHER WATERWAYS. SHOVEL OR PUMP TO DRUM OR S ALVAGE TANK. ABSORB RESIDUAL MATERIAL W/SAND, VERMICULITE, OR OTHER ABSORBENT MATERIAL.

Chemical Properties

Boiling Pt:B.P. Text:>480F

Vapor Pres:Vapor Density:>AIR

Spec Gravity:2.20

Solubility in Water:SLIGHT

Appearance and Odor:OFF-WHITE PASTE

Percent Volatiles by Volume:NEGL

Stability

Stability Indicator/Materials to Avoid: YES

STRONG OXIDIZERS, PEROXIDES, ACIDS EPOXIDES.

Stability Condition to Avoid: STORAGE IN OPEN CONTAINERS, HEAT & OPEN FLAME.

Hazardous Decomposition Products: AMMONIA, OXIDES OF NITROGEN & CARBON.

Disposal

Waste Disposal Methods: DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL REGULATIONS. SPILLED MATERIAL & WATER RINSES ARE CHEMICAL WASTES.

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