

DELTA BOND 152 BLUE

MSDS Number

BHBDD

National Stock Number

8040-01-118-1765

Product Name

DELTA BOND 152 BLUE

Manufacturer

EG AND G WAKEFIELD ENGINEERING

Product Identification

Product ID: DELTA BOND 152 BLUE

MSDS Date: 10/26/1988

FSC: 8040

NIIN: 01-118-1765

Kit Part: Y

MSDS Number: BHBDD

Responsible Party

EG&G WAKEFIELD ENGINEERING

60 AUDUBON ROAD

WAKEFIELD, MA 01880

Emergency Phone: (617) 245-5900

Info Phone: (617) 245-5900

Preparer: DAVID F. HEGARTY

Cage: 92218

Contractor

EG&G WAKEFIELD ENGINEERING

WAKEFIELD, MA 01880

US

617-245-5900/FAX 617-246-0874

Cage: 92218

Ingredients

ALPHA-ALUMINA (ALUMINUM OXIDE) (EPA LISTS ONLY FIBROUS

CAS: 1344-28-1

RTECS: BD1200000

Fraction By Weight: 70-80%

OSHA PEL15 MG/M3 TDUST

ACGIH TLV: 10 MG/M3 TDUST; 9293

BISPHENOL A DIGLYCIDYL ETHER RESIN, EPOXY RESIN

CAS: 25068-38-6

RTECS: KC2100000

Fraction By Weight: 20-30%

N-BUTYL GLYCIDYL ETHER (BGE)

CAS: 2426-08-6

RTECS: TX4200000

Fraction By Weight: 2-5%

OSHA PEL50 PPM

ACGIH TLV: 25 PPM; 9293

Hazards

LD50 LC50 Mixture:ORAL LD50: 11.4 G/KG (RATS)

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO

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

Health Hazards Acute and Chronic:INHALATION: MAY CAUSE IRRITATION. EYE:

MODERATELY IRRITATING. SKIN: CAN CAUSE MODERATE IRRITATION.

PROLONGED EXPOSURE MAY RESULT IN SENSITIZATION. INGESTION: HARMFUL IF SWALLOWED.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:INHALATION: MAY CAUSE IRRITATION. EYE/SKIN: CAN

CAUSE MODERATELY IRRITATING. SKIN: EXPOSURE MAY RESULT IN

SENSITIZATION. 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

ATT. EYE: IMMEDIATELY FLUSH W/PLENTY OF WATER FOR AT LEAST 15

MINUTES. GET MED ATT. SKIN: WASH AFFECTED AREA W/SOAP& WATER. GET

MED ATT. IF IRRITATION PERSISTS. INGESTION: DILUTE W/WATER. GET

IMMEDIATE MED ATT.

Fire Fighting

Flash Point:>200F

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

Fire Fighting Procedures:FIREFIGHTERS SHOULD WEAR SCBA. TOXIC VAPORS

MAY BE EVOLVED UPON EXPOSURE TO HEAT OR OPEN FLAME.

Unusual Fire/Explosion Hazard:CONSIDERABLE SMOKE & TOXIC SMOKE/VAPORS

MAY BE EVOLVED AS A RESULT OF UNCONTROLLED EXOTHERMIC REACTION.

Accidental Release

Spill Release Procedures:WIPE UP, ABSORB RESIDUAL MATERIAL

W/SAND/VERMICULITE/OTHER ABSORBENT MATERIAL. DIKE AREA/PREVENT

RUNOFF INTO DRAINS/SEWERS/WATERWAYS. SHOVEL/PUMP TO DRUM/SALVAGE

TANK. SCRAPE/SHOVEL ABSORBED WASTE/ABSORBENT INTO CONTAINERS.

SCRUB W/SOAPY 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.

DON'T INGEST OR SWALLOW THIS MATERIAL.

Other Precautions:PREVENT CONTACT WITH SKIN, EYES, OR CLOTHING. PREVENT

BREATHING OF VAPORS, MISTS, OR SPRAY.

Exposure Controls

Respiratory Protection:WEAR AN APPROPRIATE, PROPERLY FITTED RESPIRATOR WHEN EXCEED TLV.

Ventilation:USE ONLY W/PROPER MECHANICAL EXHAUST VENTILATION.

Protective Gloves:PROTECTIVE

Eye Protection:GOGGLES

Work Hygienic Practices:REMOVE CONTAMINATED CLOTHING & WASH BEFORE REUSING.

Supplemental Safety and Health

Chemical Properties

Vapor Pres:Vapor Density:>AIR

Spec Gravity:2.20

Solubility in Water:NEGLIGIBLE

Appearance and Odor:BLUE PASTE
Percent Volatiles by Volume:NEGL.

Stability

Stability Indicator/Materials to Avoid:YES
STRONG OXIDIZERS, AMINES, AMIDES, STRONG LEWIS OR MINERAL ACIDS,
THIOSULFATES, CARBOXYLIC ACIDS, ALCOHOL, MERCAPTANS.
Stability Condition to Avoid:REACTION BECOMES EXCESSIVE DUE TO HIGH
CURING TEMPERATURE OR CURING OF LARGE MASSES OF MATERIAL.
Hazardous Decomposition Products:CO, CO₂, OXIDES OF NITROGEN.
Conditions to Avoid Polymerization:STORAGE IN OPEN CONTAINERS, INTENSE
HEAT/OPEN FLAME, UNCONTROLLED MIXING W/INCOMPATIBLE SUBSTANCES.

Disposal

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE, AND
FEDERAL REGULATIONS.

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