

E-293/GLASS FIBER 6B0000293

MSDS Number

BBHRG

National Stock Number

8010-00F001026

Product Name

E-293/GLASS FIBER 6B0000293

Manufacturer

FERRO CORP COMPOSITES DIV

Product Identification

Product ID:E-293/GLASS FIBER 6B0000293

MSDS Date:08/18/1990

FSC:8010

NIIN:00F001026

MSDS Number: BBHRG

Responsible Party

FERRO CORP. COMPOSITES DIV.

5915 RODEO ROAD

LOS ANGELES , CA 90016

US

Emergency Phone: 213-841-5200 OR 800-424-9300

Info Phone: 213-841-5200

Cage: EO555

Contractor

FERRO CORP. COMPOSITES DIV.

LOS ANGELES, CA 90016

US

213-841-5200

Cage: EO555

Ingredients

ACETONE; DIMETHYL KETONE

CAS: 67-64-1

RTECS: AL3150000

Fraction By Weight:

OSHA PEL1000PPM

ACGIH TLV: 750PPM/1000STEL;9293

EPA Report Quantity: 5000 LBS

DOT Report Quantity: 5000 LBS

EPOXY RESIN SYSTEM

Fraction By Weight: 32-55%

GLASS, OXIDE *92/4*

CAS: 65997-17-3

Fraction By Weight: 45-68%

OSHA PEL5 MG/CUM

ACGIH TLV: 10 MG/CUM

2-BUTANONE (METHYL ETHYL KETONE) (MEK)

CAS: 78-93-3

RTECS: EL6475000

Fraction By Weight:

OSHA PEL200 PPM

ACGIH TLV: 590 MG/CUM

EPA Report Quantity: 5000 LBS

DOT Report Quantity: 5000 LBS

Hazards

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

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

Health Hazards Acute and Chronic:SKIN:

IRRITATION/ABSORPTION/SENSITIZATION. INHALATION: PULMONARY, NOSE, THROAT, & RESPIRATORY IRRITATION, HEADACHES. EYES: IRRITATION.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:INHALATION/SKIN ABSORPTION: ASTHMATIC SENSITIZATION, HEADACHE, FATIGUE, NAUSEA, NARCOTIC EFFECTS. DUST INHALATION CAN CAUSE LUNG DAMAGE. SKIN: DERMATITIS.

Medical Cond Aggravated by Exposure:EYE DISORDERS, ASTHMA CONDITION, & SKIN ALLERGIES

First Aid

First Aid:INHALATION: REMOVE TO FRESH AIR. SKIN: THOROUGHLY WASH W/SOAP & WATER. EYES: IMMEDIATELY FLUSH W/LARGE QUANTITIES OF WATER.

INGESTION: DILUTE W/MILK OR WATER. INDUCE VOMITING. NEVER GIVE AN UNCONSCIOUS PERSON ANYTHING TO DRINK. NEVER TRY TO INDUCE VOMITING IN AN UNCONSCIOUS PERSON. OBTAIN MEDICAL ATTENTION IN ALL CASES.

Fire Fighting

Flash Point Method:TOC

Flash Point:>400F

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

Fire Fighting Procedures:USE SELF-CONTAINED BREATHING APPARATUS.

Unusual Fire/Explosion Hazard:COMBUSTION WILL GIVE OFF TOXIC PRODUCTS.

AIRBORNE DUST PRODUCED FROM GRINDING/CUTTING OF THE CURED RESIN MAY IGNITE IF EXPOSED TO AN IGNITION SOURCE.

Accidental Release

Spill Release Procedures:NORMAL PROCEDURES FOR SOLID TRASH. ONLY CURED MATERIAL SHOULD BE ALLOWED W/GENERAL TRASH.

Handling

Handling and Storage Precautions:STORE THE UNCURED MATERIAL FROM DIRECT SUNLIGHT. DON'T STORE FOOD IN WORK AREAS. USE IN WELL VENTILATED AREA.

Other Precautions:FOR INDUSTRIAL USE ONLY. GROUND EQUIPMENT TO PREVENT STATIC ELECTRICITY. CARBON FIBERS WILL CONDUCT ELECTRICITY, IF ALLOWED TO GET INTO ELECTRICAL EQUIPMENT CAN CAUSE MALFUNCTIONS & FIRES. AVOID CONTACT W/EYES & SKIN.

Exposure Controls

Respiratory Protection:USE NIOSH APPROVED RESPIRATOR FOR ORGANIC VAPORS, HEPA FILTERS FOR DUSTS FROM MACHINING THE MATERIAL.

Ventilation:LOCAL EXHAUST: EXHAUST HOOD/COLLECTION SYSTEM. MECHANICAL

(GENERAL): CONTINUOUS SUPPLY OR FRESH AIR.
Protective Gloves:NATURAL RUBBER OR NEOPRENE
Eye Protection:GOGGLES FOR DUST PROTECTION
Other Protective Equipment:LONG SLEEVE SHIRTS & PANTS, CHEMICAL
RESISTANT SLEEVES IF FOREARM CONTACT IS LIKELY
Work Hygienic Practices:REMOVE/LAUNDER CONTAMINATED CLOTHING BEFORE
REUSE. WASH HANDS & FACE BEFORE EATING, SMOKING, OR APPLYING
COSMETICS.
Supplemental Safety and Health

Chemical Properties

Vapor Pres:Vapor Density:>1
Spec Gravity: 1.4
Solubility in Water:NEGLIGIBLE
Appearance and Odor:WOVEN SHEET, AMBER TO BLACK, ODORLESS AT AMBIENT
TEMPERATURE
Percent Volatiles by Volume:6%

Stability

Stability Indicator/Materials to Avoid:YES
FOR UNCURED RESIN: STRONG ACIDS OR ALKALIES, STRONG OXIDIZING AGENTS
Stability Condition to Avoid:DIRECT SUNLIGHT & IGNITION SOURCES
Hazardous Decomposition Products:CO, ALDEHYDES, OXIDES OF NITROGEN,
PHOSPHORUS, TOXIC PRODUCTS

Disposal

Waste Disposal Methods:NON-HAZARDOUS CURED RESIN MATERIAL SHOULD BE
DISPOSED OF IN ACCORDANCE W/STATE, LOCAL SOLID WASTE REGULATIONS.

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