

CEMENT 81 C 21

MSDS Number

BBHMQ

National Stock Number

8040-00F000765

Product Name

CEMENT 81 C 21

Manufacturer

GOODYEAR AEROSPACE CORP

Product Identification

Product ID:CEMENT 81 C 21

MSDS Date:11/01/1985

FSC:8040

NIIN:00F000765

MSDS Number: BBHMQ

Responsible Party

GOODYEAR AEROSPACE CORPORATION

1210 MASSILLON ROAD

AKRON , OH 44315

Emergency Phone: (216) 796-2121

Info Phone: (216) 796-2121

Preparer: D.E. GLEGHORN

Cage: EO533

Contractor

LORAL CORP DEFENSE SYSTEMS DIV-AKRON

AKRON, OH 44315-0001

US

216-796-2800

Cage: 25500

Ingredients

TRIETHYLENEDIAMINE

CAS: 280-57-9

RTECS: HM0354200

Fraction By Weight:

XYLENES (O-,M-,P- ISOMERS) (SARA III)

CAS: 1330-20-7

RTECS: ZE2100000

Fraction By Weight: 90-95%

OSHA PEL100 PPM/150 STEL

ACGIH TLV: 100 PPM/150STEL;9192

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

DIPROPYLENE GLYCOL

CAS: 110-98-5

RTECS: UB8785000

Fraction By Weight:

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: IRRITATING TO MUCOUS MEMBRANES. EYES: SLIGHT IRRITATION. INGESTION: ASPIRATION OF THE VOMITUS INTO THE LUNGS WHICH CAN PRECIPITATE CHEMICAL PNEUMONITIS & PULMONARY EDEMA/HEMORRHAGE.
Explanation of Carcinogenicity:THE NATIONAL TOXICOLOGY PROGRAM IS CURRENTLY TESTING XYLENE FOR CARCINOGENESIS.
Effects of Overexposure:SKIN: IRRITATION, DERMATITIS & SENSITIZER. INHALATION: IRRITATING TO MUCOUS MEMBRANES. EYES: SLIGHT IRRITATION. INGESTION: ASPIRATION OF THE VOMITUS INTO THE LUNGS WHICH CAN CAUSE PRECIPITATE CHEMICAL PNEUMONITIS & PULMONARY EDEMA/HEMORRHAGE.
Medical Cond Aggravated by Exposure:DERMATITIS & SENSITIZER

First Aid

First Aid:INHALATION: REMOVE VICTIM TO FRESH AIR & PROVIDE OXYGEN IF BREATHING IS DIFFICULT. GIVE ARTIFICIAL RESPIRATION IF NOT BREATHING. GET MED ATTN. SKIN: WASH W/SOAP & WATER. REMOVE/LAUNDER CONTAMINATED CLO THING BEFORE REUSE. GET MED ATTN. EYES:FLUSH W/WATER FOR 15 MINUTES. GET MED ATTN. INGESTION: DON'T INDUCE VOMITING. KEEP HEAD BELOW HIPS. GET MED ATTN.

Fire Fighting

Flash Point Method:CC
Flash Point:81F
Lower Limits:1.0%
Upper Limits:7.0%
Extinguishing Media:WATER FOG, FOAM, DRY CHEMICAL, CO2
Fire Fighting Procedures:FIREFIGHTERS SHOULD USE A SELF-CONTAINED BREATHING APPARATUS W/FULL FACEPIECE UNDER POSITIVE PRESSURE.
Unusual Fire/Explosion Hazard:VAPORS ARE >AIR & MAY TRAVEL ALONG THE GROUND OR MAY BE MOVED BY VENTILATION & IGNITED BY SOURCES DISTANT FROM THE MATERIAL HANDLING POINT.

Accidental Release

Spill Release Procedures:REMOVE ALL IGNITION SOURCES. PROVIDE ADEQUATE VENTILATION. USE PROTECTIVE GEAR. CONTAIN & LOCALIZE SPILL W/ABSORBENTS. PREVENT DISCHARGE TO STORM OR SANITARY SEWER. STORE SPENT SORBENT IN CONTAINER AP PROVED FOR STORAGE OF FLAMMABLE MATERIALS.

Handling

Handling and Storage Precautions:ELIMINATE ALL IGNITION SOURCES. HANDLING EQUIPMENT MUST BE GROUNDED TO PREVENT SPARKING. KEEP CONTAINER CLOSED WHEN NOT IN USE.
Other Precautions:KEEP AWAY FROM HEAT & OPEN FLAMES. FLAMMABLE LIQUID. CONTACT LENSES SHOULD NOT BE WORN.

Exposure Controls

Respiratory Protection:USE A NIOSH/MSHA APPROVED RESPIRATOR. USE EITHER AN ATMOSPHERE-SUPPLYING RESPIRATOR OR AIR-PURIFYING RESPIRATOR FOR ORGANIC VAPORS.
Ventilation:PROVIDE ADEQUATE EXPLOSION-PROOF VENTILATION AS NECESSARY TO MAINTAIN VAPORS Protective Gloves:PVA, VITON
Eye Protection:CHEMICAL GOGGLES
Work Hygienic Practices:REMOVE/LAUNDER CONTAMINATED CLOTHING BEFORE REUSE.
Supplemental Safety and Health

Chemical Properties

Spec Gravity:0.867

Appearance and Odor:AMBER LIQUID, XYLOL ODOR.

Percent Volatiles by Volume:95%

Stability

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENT

Stability Condition to Avoid:HEAT, OPEN FLAME

Hazardous Decomposition Products:CO, CO₂, NOX, & TRACES OF UNIDENTIFIED ORGANIC COMPOUNDS

Disposal

Waste Disposal Methods:INCINERATE OR SOLIDIFY TO ELIMINATE FREE LIQUIDS & LANDFILL AT A HAZARDOUS WASTE DISPOSAL FACILITY THAT CONFORMS TO FEDERAL, STATE, & LOCAL REGULATIONS FOR THE HANDLING & DISPOSAL OF THIS TYPE OF WASTE.

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