

4/16

MSDS Number

BJDFV

National Stock Number

6810-00F012327

Product Name

4/16

Manufacturer

OTTAWA SILICA COMPANY

Product Identification

Product ID:4/16

MSDS Date:11/19/1985

FSC:6810

NIIN:00F012327

MSDS Number: BJDFV

Responsible Party

OTTAWA SILICA COMPANY

LA LAFETTE AND BOYCE DRIVE

OTTAWA , IL 61350

Emergency Phone: (815) 434-0190

Info Phone: (815) 434-0190

Preparer: WILLIAM D. DARROW

Cage: FO588

Contractor

U.S. SILICA COMPANY

187

BERKELEY SPRINGS, WV 25411

US

304-258-2500

Cage: 28558

Ingredients

SILICA, CRYSTALLINE - QUARTZ

CAS: 14808-60-7

RTECS: VV7330000

Fraction By Weight: 100%

OSHA PELSEE TABLE Z3

ACGIH TLV: 0.1 MG/M3 RDUST;9293

Hazards

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

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

Health Hazards Acute and Chronic:INHALATION: CRYSTALLINE FIBER SILICON DUST MAY CAUSE LUNG SCARRING/INJURY W/COUGH & SHORTNESS OF BREATH, SILICOSIS DISABLING/FATAL PULMONARY FIBROSIS. EYES: IRRITATION.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:INHALATION: CRYSTALLINE FIBER SILICON DUST MAY CAUSE LUNG SCARRING/INJURY WITH COUGH & SHORTNESS OF BREATH,

SILICOSIS DISABLING/FATAL PULMONARY FIBROSIS. EYES: IRRITATION.

First Aid

First Aid:EYES: WASH WITH LARGE AMOUNTS OF WATER. GET MED ATTN.
EXAMINATION OF THE RESPIRATORY & CARDIOVASCULAR SYSTEM SHOULD BE STRESSED.

Fire Fighting

Extinguishing Media:SAND MAY BE USED TO SMOTHER FIRE.
Fire Fighting Procedures:SELF-CONTAINED BREATHING APPARATUS W/FULL FACEPIECE OPERATED IN PRESSURE-DEMAND OR OTHER POSITIVE PRESSURE MODE.
Unusual Fire/Explosion Hazard:NO FIRE OR EXPLOSION HAZARD.

Accidental Release

Spill Release Procedures:CLEANUP PERSONNEL MUST WEAR PROTECTIVE EQUIPMENT. COLLECT SPILLED MATERIAL IN DUSTLESS, SAFE MANNER.

Handling

Handling and Storage Precautions:USE DUSTLESS OR WET SYSTEMS WHEN HANDLING & DURING CLEAN UP.
Other Precautions:MAINTAIN VENTILATION SYSTEM & POST APPROPRIATE WARNING NOTICES WHERE PRODUCT IS USED, STORED & HANDLED. PRACTICE GOOD HOUSEKEEPING.

Exposure Controls

Respiratory Protection:RESPIRATORS MAY BE USED WHEN ENGINEERING & WORK PRACTICE CONTROLS AREN'T TECHNICALLY FEASIBLE. NIOSH & MSHA RESPIRATORS ARE PERMITTED IF >TLV.
Ventilation:MAINTAIN GOOD VENTILATION.
Protective Gloves:OPTIONAL
Eye Protection:SAFETY GLASSES
Work Hygienic Practices:PRACTICE GOOD HOUSEKEEPING.
Supplemental Safety and Health

Chemical Properties

Boiling Pt:B.P. Text:4046F
Melt/Freeze Pt:M.P/F.P Text:3050F
Spec Gravity:2.65
Appearance and Odor:WHITE, GRANULAR, NO ODOR

Stability

Stability Indicator/Materials to Avoid:YES
HYDROFLUORIC ACID (HF)
Stability Condition to Avoid:NONE
Hazardous Decomposition Products:NONE

Disposal

Waste Disposal Methods:CRYSTALLINE FREE SILICA MAY BE REUSED OR DISPOSED OF IN AN UNRESTRICTED SANITARY LANDFILL.

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