

SILICON

MSDS Number

BBDHQ

National Stock Number

6810-00D000775

Product Name

SILICON

Manufacturer

BARIUM AND CHEMICALS INC

Product Identification

Product ID: SILICON
MSDS Date: 01/01/1987
FSC: 6810
NIIN: 00D000775
MSDS Number: BBDHQ

Responsible Party

BARIUM AND CHEMICALS, INC.
Emergency Phone: 614-282-9776
Cage: 20865

Contractor

BARIUM AND CHEMICALS INC
218
STEUBENVILLE, OH 43952
US
740-282-9776
Cage: 20865

Ingredients

SILICON
CAS: 7440-21-3
RTECS: VW0400000
Fraction By Weight: 97%
OSHA PEL15 MG/M3 TDUST
ACGIH TLV: 10 MG/M3 TDUST; 9293

Hazards

Effects of Overexposure: SILICON METAL IS OF LOW TOXICITY IN LUMP FORM & NO RESIDUAL INJURY IS EXPECTED. DUST IS IRRITATING.

First Aid

First Aid: INH: REMOVE FROM DUST AREA TO FRESH AIR; SKIN: NO HAZARD ASSOCIATED WITH SKIN CONTACT; EYE: FLUSH WITH WATER TO ENSURE NO PARTICLES REMAIN IN THE EYE.

Fire Fighting

Extinguishing Media: CLASS D FIRE, USE DRY CHEMICAL, DRY SAND, OR CO*2.
Fire Fighting Procedures: FIRE MAY BE ISOLATED AND ALLOWED TO BURN ITSELF OUT.
Unusual Fire/Explosion Hazard: SILICON IS CLASSIFIED AS ACTIVE. DUST CAN

BE READILLY IGNITED,PROPAGATE FLAME & GENERATE PRESSURE.

Accidental Release

Spill Release Procedures:FINE MATERIAL SHOULD BE SWEEPED UP OR VACUUMED.AVOID USING COMPRESSED AIR TO MANEUVER SPILLS OR LEAKS OF FINE MATERIAL.NO PROBLEMS ASSOCIATED WITH SPILLS OR LEAKS OF LUMP MATERIAL.F

Handling

Handling and Storage Precautions:NO SPECIAL PRECAUTIONS.

Exposure Controls

Respiratory Protection:DUST RESPIRATOR.
Ventilation:RECOMMENDED FOR DUSTY OPERATIONS.
Protective Gloves:RECOMMENDED.
Eye Protection:RECOMMENDED.
Other Protective Equipment:SUBJECT TO SAFETY RULES.
Supplemental Safety and Health
MSDS UNDATED.

Chemical Properties

HCC:N1
Spec Gravity:2.3
Solubility in Water:INSOLUBLE
Appearance and Odor:DARK GREY POWDER(SOMETIMES WITH A BROWN CAST)

Stability

Stability Indicator/Materials to Avoid:YES
ACIDS & STRONG BASES.
Stability Condition to Avoid:NONE
Hazardous Decomposition Products:NONE

Disposal

Waste Disposal Methods:SANITARY LANDFILL.

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