

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 READILY 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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