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MATERIAL SAFETY DATA SHEET

Section 1- PRODUCT IDENTIFICATION

COMPOSITION Si	PRODUCT NAME Silicon
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Section 2- HAZARDOUS INGREDIENTS

Note: Products under normal conditions do not represent an inhalation, ingestion or contact health hazard.

MATERIAL OR COMPONENT	CAS NUMBER	WT%	EXPOSURE LIMITS	
			OSHA PEL (Mg/M3)	ACGIH TLV(MG/M3)
Silicon	744-21-3		10mg/M³ TWA-8	0.5mg/M³

Section 3- PHYSICAL DATA

MATERIAL IS (AT NORMAL CONDITIONS) <input type="checkbox"/> Liquid <input type="checkbox"/> Solid <input type="checkbox"/> Gas <input type="checkbox"/> Other	APPEARANCE AND ODOR Steel grey crystal or powder, no odor
MELTING POINT (BASE METAL) 1410 °C	SPECIFIC GRAVITY 2.33

Section 4- FIRE AND EXPLOSION

Flash Point (Method Used) Non Flammable	Flammable Limits N/A	LEL	UEL
EXTINGUISHING MEDIA Use media appropriate for surrounding fire.			
SPECIAL FIRED FIGHTING PROCEDURES None required			
UNUSUAL FIRE AND EXPLOSION HAZARDS Lump material is not combustible. Dust can be readily ignited, propagate flame and generate pressure and/or explosion.			

Section 5- REACTIVITY DATA

STABILITY Stable	INCOMPATABILITY (MATERIALS TO AVOID) Strong acids and bases- resulting fumes
CONDITIONS TO AVOID None Known	
HAZARDOUS DECOMPOISTION PRODUCTS Will not occur	

Section 6- HEALTH HAZARD GUIDE

MAJOR EXPOSURE HAZARD

Inhalation Skin Skin Absorption Eye Contact Ingestion

EFFECTS OF OVEREXPOSURE

INHALATION: Considered a "nuisance particulate".

SKIN CONTACT: No effects reported.

EYE CONTACT: No effects reported.

INGESTION: No effects reported.

EMERGENCY & FIRST AID PROCEDURES

INHALATION: If inhaled (long period of time), remove to fresh air.

SKIN CONTACT: Wash skin with water and soap.

EYE CONTACT: Wash eyes with large amounts of water.

INGESTION: Flush with plenty of water.

Section 7- SPILL OR LEAK PROCEDURES

SPILL OR LEAK PROCUDRES

Sweep or shovel spills into appropriate container for disposal. Residue may be washed by water.

WASTE DISPOSAL METHODS

Use good waste management practices.

Section 8- SPECIAL PROTECTION

RESPIRATORY

NIOSH approved dust respirator where dusting may occur.

VENTILATION

Recommended

EYE PROTECTION & PROTECTIVE CLOTHING

Safety goggles are recommended.

Section 9- SPECIAL PRECAUTIONS

None

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