

MATERIAL SAFETY DATA SHEET

FILE NO. :06-0510 Ver. 2

MSDS DATE: May 10, 2018

Validity:5 Years

SECTION 1:PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME :FUSED SILICA
COMPANY :Lianyungang Chemsiz International Trading Co.,Ltd
ADDRESS : 1-715#, SHANGHAI SQUARE, HUIQUAN ROAD,
ECONOMIC AND TECHNOLOGICAL DEVELOPMENT ZONE, LIANYUNGANG, JIANGSU CHINA.

TELEPHONE :0518-82326257
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CHEMICAL FORMULA :SILICON DIOXIDE(SIO2)
PRINTED DATE :12 MAY 2018

SECTION 2:COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT:

CHEMICAL FORMULA	%WT	INGREDIENT NAME	CAS NO.	EINECS NO.	%WT	NOTE
Silicon Dioxide	>99.80	Silicon Dioxide	60676-86-0		>99.80	Amorphous

SECTION 3:HAZARDS IDENTIFICATE

EMERGENCY OVERVIEW : Over exposure to

ROUTES OF ENTRY : Inhalation

POTENTIAL HEALTH EFFECTS:

EYES: May cause Irritation of Eyes

SKIN: May cause Irritation of Skin

INGESTION :May cause Irritation of Stomach

INHALATION :May cause Irritation of Upper Respiratory

ACUTE HEALTH HAZARDS :Excessive inhalation(above TLV/PEL)of product dusts over long period of time may cause a disabling lung disease(Silicosis or Pneumoconiosis)which reduces breathing capacity and can lead to increase susceptibility to other lung diseases.

MEDICAL CONDITONS GENERALLY AGGRAVATED BY EXPOSURE:

Pre-existing chronic lung conditions such as, but not limited to bronchitis, emphysema and asthma.

SECTION 4:FIRST AID MEASURES

EYES :Flush eyes with fresh water for over 15 minutes, Call a doctor.

SKIN :Wash the affected areas with water to remove product from skin. Call a doctor.

INGESTION :Wash mouth with fresh water. Call a doctor.

INHALATION :Remove to fresh air immediately. Call a doctor.

NOTES TO PHYSICIANS OR FIRST AID PROVIDERS: None.

SECTION 5:FIRE FIGHTING MEASURES

FLAMMABLE LIMITS IN AIR UPPER: Not available LOWER: Not available

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FLASH POINT : Not available

AUTOIGNITION TEMPERATURE: Not available

NFPA HAZARD CLASSIFICATION: None

EXTINGUISHING MEDIA : Use fire extinguishing media appropriate to the surrounding area.

SPECIAL FIRE FIGHTING PROCEDURES: None

UNUSUAL FIRE AND WXPLOSION HAZAARDS: None

HAZARDOUS DECOMPOSITION PRODUCTS: None

SECTION 5 NOTES : This product is non-combustible except package materials.

SECTION 6:ACCIDENTAL RELEASE MEASURES

ACCIDENTAL RELEASE MEASURES: In case of spill or leak, avoiding raising dust, carefully sweeps up (use vacuum cleaner if needed) and removes. Don't wash away into sewer or waterways.

SECTION 7:HANDLING AND STORAGE

HANDLING ; Use only in the well-ventilated areas. Be careful to avoid raising dust. Use an approved dust respirator to avoid breathing vapor. Handle in windward side. Keep the working area clean.

STORAGE: Use general container to store for powder. Not to release (keep container closed when not in use).Keep away from the material to avoid. Keep away from sunshine, water, moisture and heat to avoid quality change. Store in room temperature.

SECTION 8:EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS: Make available near the working area the eye washing stations and shower.

VENTILATION: Equip a local exhaust ventilation, and hood or enclosure to avoid dispersal of dusty particulate into workplace air.

RESPIRATORY PROTECTION: Use dust respirators for use in emergency or non-routines situations where dust levels may exceed PEL. Use a half respirator approved by NOISH for exposures up to then time PEL. In case of exposures up to one hundred times PEL, use full face respirator with replaceable dust filter. For exposures more than one hundred times PEL, use an approved air-supplied respirator.

EYE REODUCTION: Glasses with side shields or safety goggles are necessary to protect the eyes from dusty particulate.

SKIN PROTECTION: Wear clean working clothing with long sleeves.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Wear protective gloves and arm covers.

SECTION 9:PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Sand or Powder

ODOR: Odorless

PHYSICAL STATE: Solid

PH: Not available

BOILING POINT: 2230°C

MELTING POINT: Not available

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SOFTENIG POINT: ca. 1650°C

FREEZING POINT: Not available

VAPOR PRESSURE (mmHg): Not available

VAPOR DENSITY (AIR=1): Not available

SPECIFIC GRAVITY (H2O=1): 2.21

EVAPORATION RATE: Not available

SOLUBILITY IN WATER: Insoluble

MOLECULAR WEIGHT: 60.09

SECTION 10:STABILITY AND REACTIVITY

STABILITY: This product is considered a stable material under normal temperature and pressures.

CONDITIONS TO AVOID (STABILITY): Not known

INCOMPATIBILITY (MATERIAL TO AVOID): Hydrofluoric Acid, little soluble in strong bases

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: None

HAZARDOUS POLYMERIZATION: Will not polymerize.

CONDITIONS TO AVOID (POLYMERIZATION): None.

SECTION 11:TOXICOLOGICAL INFORMATION

RTECS#: VV7328000

TOXICOLOGICAL INFORMATION: No data available.

SECTION 12:ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: No data available. Release may cause environmental hazard.

SECTION 13:DISPOSAL ONSIDERATIONS

WASTE DISPOSAL METHOD: Non biodegradable. Follow all regulations in your country. Reclamation is recommended.

RCRA HAZARD CLASS: No information available.

SECTION 14:TRANSPORT INFORMATION

UN CLASS: None

U. S. DEPARTMENT OF TRANSPORATION: Not regulated.

WATER TRANSPORATION: Not regulated by IMDG.

AIR TRANSPORATION: Not regulated by IATA.

OTHER AGENCIES: No information available.

SUGGESTION ACCORDING TO IMO IMDG:THE SUBSTANCE IS NOT SUBJECT TO IMO IMDG CODE.

SECTION 15:REGULATORY INFORMATION

U. S. FEDERAL REGULATIONS

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TSCA (TOXIC SUBSTANCE CONTROL ACT): CAS# 60676-86-0 is listed on the TSCA inventory.

CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT): None

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZA ACT); None.

SARA Section 302 (TPQ)/304 (RQ): None.

SARA Section 313 REPORATABLE INGREDIENTS: None.

Clean Air Act (Class 1 & Class 2): None.

STATE REGULATIONS: No information available.

INTERNATIONAL REGULATIONS: No information available.

SECTION 16: OTHER INFORMATION

PREPAPATION INFORMATION: Revised on May 10, 2006 Ver. 1

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