

STANDARD SAND & SILICA CO. -- QUARTZ SILICA SAND -- 5350-00-223-4365

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Product Identification
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Product ID:QUARTZ SILICA SAND

MSDS Date:09/01/1993

FSC:5350

NIIN:00-223-4365

MSDS Number: BTSDQ

=== Responsible Party ===

Company Name:STANDARD SAND & SILICA CO.

Address:100 LEM CARNES ROAD

Box:35

City:DAVENPORT

State:FL

ZIP:33837

Country:US

Info Phone Num:813-422-1171

Emergency Phone Num:813-4

22-1171

CAGE:7A391

=== Contractor Identification ===

Company Name:STANDARD SAND & SILICA CO.

Address:100 LEM CARNES ROAD

Box:City:DAVENPORT

State:FL

ZIP:33837

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Phone:813-422-1171

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Composition/Information on Ingredients
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Ingred Name:SILICA, CRYSTALLINE - QUARTZ

CAS:14808-60-7

RTECS #:VV7330000

Other REC Limits:NONE RECOMMENDED

OSHA PEL:SEE TABLE Z-3

ACGIH TLV:0.1 MG/M3 RDUST;9394

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Hazards Identification
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LD50 LC50 Mixture:LD50 (ORAL, RAT) IS UNKNOWN.

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

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

Health Hazards Acute and Chronic:TARGET ORGANS:EYES, RESPIRATORY TRACT.

ACUTE- INHALATION OF RESPIRABLE DUSTS MAY CAUSE SILICOSIS. MAY CAUSE MECHANICAL IRRITATION IF EYE CONTACT OCCURS. CHRONIC- LUNG DAMAGE.

Explanation of Carcinogenicity:CONTAINS CRYSTALLINE SILICA.

Effects of Overexposure:INCLUDES BUT NOT LIMITED TO: SHORTNESS OF

BREATH, FEVER, COUGH, WEIGHT LOSS, CHEST PAIN.

Medical Cond Aggravated by Exposure:INDIVIDUALS WITH PREEXISTING CONDITIONS OF THE LUNGS SUCH AS ASTHMA MAY HAVE INCREASED SUSCEPTIBILITY TO EXCESSIVE EXPOSURE.

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===== First Aid Measures =====

First Aid:RESPIRATORY: REMOVE TO FRESH AIR, CLEAR NOSE AND THROAT. CONSULT PHYSICIAN IF CONTINUED DIFFICULTY BREATHING. EYES: FLUSH WITH CLEAN WATER. SKIN: WASH WITH SOAP AND CLEAN WATER. GET MEDICAL

HELP IF NEEDED. INGESTION: NOT LIKELY.

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===== Fire Fighting Measures =====

Flash Point:NOT FLAMMABLE

Extinguishing Media:NO FIRE DANGER

Fire Fighting Procedures:NONE

Unusual Fire/Explosion Hazard:NOT KNOWN

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===== Accidental Release Measures =====

Spill Release Procedures:CLEAN-UP IMMEDIATELY. WETTING OF SPILLED MATERIAL WILL AVOID AIRBORNE DUST. USE OF RESPIRATORY PROTECTIVE EQUIPMENT MAY BE NECESSARY IF SPILLS OF LARGE QUANTITY.

Neutralizing Agent:NOT RELEVANT

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===== Handling and Storage =====

Handling and Storage Precautions:BULK:STORE IN BINS/CONTAINERS.

BAGGED:SECURE ANY TORN BAGS. USE NIOSHA APPROVED RESPIRATOR IF NEEDED.

Other Precautions:DO NOT GENERATE DUST. AVOID BREATHING DUST. DO NOT GET IN EYE, ON SKIN OR ON CLOTHING. PROTECT CONTAINER AGAINST PHYSICAL DAMAGE. KEEP CONTAINER CLOSED.

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===== Exposure Controls/Personal Protection

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Respiratory Protection:A POSITIVE PRESSURE FULL FACE RESPIRATOR IS
REQUIRED IF RESPIRABLE QUARTZ DUST EXCEEDS 0.1 MG/M3 - 8 HR TWA.
Ventilation:GENERAL VENTILATION. ENGINEERING CONTROLS
Protective Gloves:RUBBER/LATEX
Eye Protection:GOGGLES, GLASSES WITH SIDE SHIELDS
Other Protective Equipment:SAFETY SHOWER AND EYE WASH FOUNTAIN SHOULD
BE LOCATED NEARBY.
Work Hygienic Practices:OBSERVE GOOD INDUSTRIAL HYGIENE PRACTICES AND
RECOMMENDED PROCEDURES.
Supplemental Safety and
Health

===== Physical/Chemical Properties =====

HCC:T6
NRC/State Lic Num:NOT RELEVANT
Melt/Freeze Pt:M.P/F.P Text:2900F 1600C
Spec Gravity:2.50 - 2.80
Viscosity:NOT RELEVANT
Evaporation Rate & Reference:NOT RELEVANT
Solubility in Water:INSOLUBLE
Appearance and Odor:GRAYISH WHITE WITH NO ODOR

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES
FLUORINE, CHLORINE TRIFLURIDE, MANGANESE TRIFLURIDE , OXYGE
N
DIFLUORIDE, HYDROFLUORIC ACID. MAY CAUSE FIRE/EXPLOSION
Stability Condition to Avoid:CONTACT WITH INCOMPATIBLE MATERIALS
Hazardous Decomposition Products:WILL NOT OCCUR.

===== Disposal Considerations =====

Waste Disposal Methods:PICK UP AND REUSE CLEAN MATERIALS. DISPOSE OF
WASTE MATEIALS ONLY IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE
AND LOCAL LAWS AND REGULATIONS.

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