Safty Data Sheet

Specification: Quartz Wool (coarse)

Article:	Quartz Wool
Article Number:	1186
Dimension:	fiber thickness 2-9µm
Appearance:	Clear colorless glass material
Odor:	no odor
Melting Point:	1750°C
Solubility in Water:	Insoluble
Packing size:	500 g

Description

Quartz wool is being manufactured from pure fused quartz fibers. It is an amorphous material with very high purity, non-pollutant with great insulation properties.

Properties

Quartz wool retains the properties of pure silica glass:

- High temperature use (1050°C long term, higher temperature possible in case of short term exposure) and resistance to thermal shocks
- Low thermal conductivity
- High electrical resistivity
- Low dielectric constant
- Excellent resistance to chemicals, alcohols, acids
- Non-pollutant material

Possible Dangers:

- no dangerous product

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First Aid:

- Inhalation: None
- Skin Absorption: None
- Eye Contact: If amorphous Silica gets into the eyes, wash eyes immediately with large amounts of water, lifting the lower and upper lids occasionally. If irritation is present after washing, get medical attention
- Ingestion: None

Fire and Explosion Hazard Data

- Flash Point: NA, Auto Ignition Temperature
- Flammability Limits in Air % by Volume NA
- Extinguisher Media: NA
- Special Fire Fighting Procedures: Non-Flammable
- Unusual Fire and Explosion Hazards: None

Health Hazard

- Inhalation Prolonged inhalation of amorphous silica may produce X-ray changes in the lungs without disability
- Skin Absorption: None
- Eye Contact: Yes
- Ingestion: None
- Signs and Symptoms of Exposure: Changes in lung X-rays.
- Medical Conditions Aggravated by Exposure: Persons with impaired pulmonary function may be at increased risk from exposure to amorphous silica.

Control and Protective Measures:

- Respiratory Protection: None
- Protective Gloves: Recommended
- Eye Protection: Recommended
- Ventilation to be Used: To meet PEL Requirements
- Other Protective Clothing: None
- Hygienic Work Practices: Avoid creating dust. Do not eat, drink, or smoke in the laboratory

PRECAUTIONS FOR SAFE HANDLING AND USE/LEAK PROCEDURES

- Steps to be Taken if Material is Spilled or Released: Clean up using normal good housekeeping standards. Avoid dusting.
- Waste Disposal Methods: Amorphous Silica may be disposed of in a secured sanitary landfill
- Precautions to be Taken in Handling and Storage: None
- Other Precautions and/or Special Hazards: None

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