

Safety Data Sheet



Section 1 - Chemical Identification

Product Name: Ceramic Tubes, Shapes
Catalog Numbers: CI-1700, CI-1710, CI-1754, CI-755
SDS number : 59
Intended use: Laboratory use

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Section 2 - Hazards Identification

Classification: Not classified as hazardous

Label elements: None

Signal Word: None

Precautionary

Statements: P261- Avoid breathing dust
P280- Wear eye and face protection
P285- in case of inadequate ventilation wear respiratory protection.
P305+P351+P338- If in eyes, rinse cautiously with water for several minutes
P302+P352- If on skin, wash with plenty of soap and water

Other Hazards: None

Section 3 - Composition, Information on Ingredients

<u>Chemical Name</u>	<u>Common Name</u>	<u>CAS#</u>	<u>%/W</u>
Composition	Mullite	1302-93-8	100

Section 4 - First Aid Measures

GENERAL ADVICE: Consult a physician. Show this safety data sheet to the doctor in attendance.

EYES: Flush eyes with plenty of water. **If eye irritation persists:** Seek medical aid.

SKIN: Wash skin with plenty of water. If irritation develops or persists, seek medical aid

INGESTION: Wash out mouth. Seek medical aid.

INHALATION: Remove to fresh air immediately.

Section 5 - Fire Fighting Measures

Suitable Extinguishing Media: Product itself does not burn. Use media appropriate for surrounding area.

Hazards from Chemical: Not applicable

Protective Measures: Use standard breathing apparatus and full protective equipment.

Section 6 - Accidental Release Measures

Personal Precautions: Avoid dust. Use personal protection equipment when cleaning up any spills.

Recovery method: Recover product. Collect in suitable container, dispose according to all regulation..

Section 7: Handling and Storage

Handling: Avoid breathing dust. Follow good industrial hygiene and safety practices.

Storage: Store in a clean dry environment.

Section 8 - Exposure Controls, Personal Protection

CAS#	Chemical Name	Form	OSHA PEL(mg/m3)	ACGIH TLV(mg/m3)	NIOSH TWA(mg/m3)
1302-93-8	mullite	Respirable Total dust	-	-	5 15

Controls: Use adequate exhaust ventilation to keep dust concentrations below the permissible exposure limits.

Eye / Face Protection: Wear appropriate protective eyeglasses or chemical safety goggles.

Skin / Hand: No special protective equipment required.

Respirators: Use an OSHA/NIOSH approved respirator when exposure limits are exceeded.

SECTION 9 - Physical and Chemical Properties

Physical state: Solid

Appearance: Buff, off white

Odor: None

PH: Not applicable

Boiling point: Not applicable

Melting point: 1800°C

Solubility: Not applicable

Specific gravity: Not applicable

Relative density: 2.30 to 2.90 g/cm³

Section 10 - Stability and Reactivity

Stability: Stable and indefinite shelf life under normal conditions.

Incompatible materials: no incompatible materials known

Section 11 - Toxicological Information

Acute toxicity: Not sufficient for classification.

Carcinogenicity OSHA: Not sufficient for classification.

Specific target organ toxicity - single exposure: Not sufficient for classification.

Specific target organ toxicity – repeated: Not sufficient for classification.

Aspiration hazard: Not sufficient for classification.

Chronic effects: Not sufficient for classification.

Section 12 - Ecological Information

Toxicity: No water endangering.

Persistence and degradability: Not readily biodegradable

Bio-accumulative potential: Not bio-accumulative

Mobility in Soil: Not applicable in present form.

Other: None

Section 13 - Disposal Considerations

Dispose of in accordance with all federal, state and local regulation.

Contact an approved waste handling site for recycle or disposal.

Section 14 - Transport Information

Not regulated by DOT/TDG/IMDDG/IATA

Section 15 - Regulatory Information

Note: Regulations apply to dust

US Federal Regulations:

CERCLA Reportable Quantity: No

RCRA Status: Not regulated

SARA Title III

Section 302 Extremely Hazardous Substance: None
Section 311/312 Hazardous Categories: None
Section 313 Toxic Chemicals: None
State Regulations: California Proposition 65: Not listed.
U.S. TSCA Inventory: Listed
DSL/NDSL: Listed on DSL

Section 16 – OTHER INFORMATION

The information provided in the SDS is believed to be correct to the best of our knowledge and is attended only as guidance for the safe use, storage and disposal of the product. Crossings Inc, cannot assure the accuracy of the information provided and shall not be responsible or liable for any damage or loses resulting from use.

Date: October 7, 2015