

# Safety Data Sheet

## Section 1 - Chemical Identification

**Product Name:** Honeycomb support  
**Item #:** CI-1410, CI-1411  
**SDS number :** 39  
**Intended use:** Laboratory use

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## Section 2 - Hazards Identification

**Classification:** The substance is not classified.

**Label elements:** None.

**Signal Word:** None

### **Precautionary**

**Statement:** Avoid breathing dust. Wash thoroughly after handling. Observe good industrial hygiene practices. Store in a dry place. Dispose of waste in accordance with federal/ state/local requirements

**Other Hazards:** None. In present form product poses no special risks.

## Section 3 - Composition, Information on ingredients

### Mixtures

<u>Chemical Name</u>	<u>Common name</u>	<u>CAS number</u>	<u>%</u>
Cordierite		1302-88-1	95 -99

**Composition :** This fired ceramic material consists of >95% Cordierite and possible small percentage of Spinel and Mullite with < 1% free aluminum oxide.

## 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. Seek medical aid if irritation develops or persists.

**INGESTION:** Drink large amount of water . Call a doctor immediately. Do not induce vomiting unless suggested by a doctor.

**INHALATION:** Remove to fresh air immediately. If symptoms persists seek medical aid.

## Section 5 - Fire Fighting Measures

**Flash Point:** N/A. **Auto-ignition Temperature:** N/A

**Suitable Extinguishing Media:** Use regular dry media or water.

**Unsuitable Extinguishing Media:** N/A

**Hazards Arising from Chemical:** Not relevant – item will not burn.

**Specific Methods:** Firefighters use standard protective equipment and respiratory equipment.

## Section 6 - Accidental Release Measures

**Personal Precautions:** Avid breathing dust. Use suitable personal protection equipment when cleaning up any spills. Avoid dust creation.

**Recovery method:** Avoid dust creation. Gently sweep up, collect in suitable container, use a damp cloth to wipe up dust. Dispose of material in according to local, state and federal regulations.

### **Section 7: Handling and Storage**

**Handling:** Avoid breathing dust. Avoid eye, skin and clothing contact. Use in a proper ventilated area. Observe good industrial hygiene practices

**Storage:** Keep container closed when not in use- store in a clean dry and well ventilated environment.

### **Section 8 - Exposure Controls, Personal Protection**

CAS#	Chemical Name	Form	OSHA PEL(mg/m3)	ACGIH TLV(mg/m3)
1302-88-1	Cordierite	-	Not Established	

**Controls:** Use adequate ventilation to keep airborne concentrations below the permissible exposure limits.

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

**Skin:** Wear appropriate gloves.

**Clothing:** Wear appropriate protective clothing to prevent contact.

**Respirators:** Use an approved respirator if area is not well ventilated.

### **SECTION 9 - Physical and Chemical Properties**

**Physical state:** Solid

**Appearance:** White to Tan

**Odor:** None

**PH:** N/A

**Vapor density:** N/A

**Evaporation rate:** N/A.

**Viscosity:** not available.

**Boiling point:** N/A

**Freezing/melting point:** N/A

**Decomposition temperature:** N/A.

**Solubility in water:** Insoluble

**Specific gravity:** N/A

**Softening Point:** 1400°C

### **Section 10 - Stability and Reactivity**

**Stability:** Stable under normal temperature and pressure conditions.

**Conditions to avoid:** At 1400°C item begins to soften and will give off toxic fumes.

**Hazardous Decomposition:** Toxic fumes

**Incompatible materials:** Unknown.

### **Section 11 - Toxicological Information**

#### **Information on routes of exposure.**

**Ingestion:** May be harmful if swallowed.

**Inhalation:** May be harmful if inhaled. May cause irritation to the respiratory system.

**Skin contact:** May be irritating to the skin.

**Eye contact:** Dust in the eyes will cause irritation. Direct contact with eyes may cause temporary irritation.

#### **Information on toxicological effects**

**Acute toxicity:** No data available.

**Skin corrosion/irritation:** Prolonged skin contact may cause temporary irritation.

**Serious eye damage/eye irritation:** Dust will cause irritation.

**Respiratory sensitization:** No data available.  
**Skin sensitization:** No data available.  
**Germ cell mutagenicity:** No data available.  
**Carcinogenicity OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)** Not listed.  
**Reproductive toxicity:** No data available.  
**Specific target organ toxicity - single exposure:** No data available.  
**Specific target organ toxicity - repeated exposure:** No data available.  
**Aspiration hazard:** Not available.  
**Chronic effects:** Prolonged inhalation may be harmful.

### **Section 12 - Ecological Information**

**Eco-toxicity:** No data  
**Mobility in soil:** No data.  
**Persistence and Degradability:** No data  
**Bio-accumulative Potential:** No data.

### **Section 13 - Disposal Considerations**

Dispose of according to applicable federal, state and local regulation.

### **Section 14 - Transport Information**

Not regulated as a Hazardous material by DOT / TDG / IMDG / IATA

### **Section 15 - Regulatory Information**

US Federal Regulations:

U.S. TSCA Inventory: Listed  
OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050) - Not Listed  
CERCLA Sections 102a/103 (40 CFR 302.4): Not regulated.  
SARA 313 Title III Section 302: Not regulated.  
SARA 313 Title III Section 304: Not regulated  
SARA 313 Title III Section 313: Not regulated.  
SARA Title III Sections 311/312 Hazardous Categories: No  
TSCA 12(b), Export Notification: Not listed.

#### **International Inventories:**

Canada Domestic Substances List (DSL) - YES  
Canada Non-Domestic Substances List (NDSL) - NO

#### **State Regulations:**

California Proposition 65: This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins.

#### **US. Massachusetts RTK - Substance List**

Aluminum Oxide\* (CAS 1344-28-1)

#### **US. New Jersey Worker and Community Right-to-Know Act**

Aluminum Oxide\* (CAS 1344-28-1)

#### **US. Pennsylvania Worker and Community Right-to-Know Law**

Aluminum Oxide\* (CAS 1344-28-1)

#### **US. Rhode Island RTK**

Aluminum Oxide\* (CAS 1344-28-1)

## **Section 16 – OTHER INFORMATION**

**NFPA ratings** (scale 0 -4) Health = 0 Fire = 0 Reactivity = 0

**HMIS ratings** (scale 0 -4) Health = 0 Fire = 0 Reactivity = 0

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 losses resulting from use.

Date: October 14, 2015