

# MATERIAL SAFETY DATA SHEET

## INTEGRA

### 1 - IDENTIFICATION

**Manufacturer:** Kerr Corporation  
**Address:** 1717 West Collins Avenue  
**City, State, Zip:** Orange, CA 92867-5422  
**Telephone:** 1-800-KERR-123  
**Emergency:** Chemtrec 1-800-424-9300  
**Date Prepared:** June 6, 2005

### 2 - COMPOSITION INFORMATION

#### Hazardous Ingredients

	CAS#	PEL	TLV	%
Cristobalite (Crystalline Silica)	14464-46-1	0.05mg/m <sup>3</sup>	1.05mg/m <sup>3</sup>	<60%

#### Other Ingredients

Metal salts of alginic acid, fumed silica

### 3 - PHYSICAL AND CHEMICAL PROPERTIES

**Boiling Point:** N/A  
**Specific Gravity (H<sub>2</sub>O = 1):** N/E  
**Vapor Pressure (mm Hg):** N/A  
**Vapor Density (AIR = 1):** N/A  
**Solubility in Water:** Slightly soluble  
**Reactivity in Water:** N/A  
**Appearance and Odor:** A dustless alginate impression material.  
Regular Set: A blue powder with a peppermint odor and flavor.  
Fast Set: A pink powder with a cinnamon odor and flavor.

### 4 - FIRE AND EXPLOSION HAZARD DATA

**Flash Point (Method Used):** N/A  
**Flammable Limits:** LEL: N/A UEL: N/A  
**Extinguishing Media:** N/A  
**Special Fire Fighting Procedures:** N/A  
**Unusual Fire and Explosion Hazards:** N/A

### 5 - REACTIVITY DATA

**Stability:** Stable  
**Conditions to Avoid:** None  
**Incompatibility (Material to Avoid):** Hydrofluoric acid  
**Hazardous Decomposition Products:** N/A  
**Hazardous Polymerization:** Will not occur

### 6 - HEALTH HAZARD DATA

#### Routes of Entry:

**Eyes:** May cause irritation.  
**Skin:** May cause a dry feeling.  
**Inhalation:** Prolonged exposure to respirable crystalline silica may cause chronic lung injury (silicosis). Acute developing silicosis may occur in a short time in heavy exposure. Silicosis is a form of disabling pulmonary fibrosis which can be progressive and may lead to death. The International Agency for Research on Cancer (IARC) reports sufficient evidence of the carcinogenicity of crystalline silica to humans. IARC Group 1.  
**Ingestion:** May result in an intestinal obstruction.  
**Carcinogenicity -** NTP: No  
**IARC Monographs:** Yes OSHA Regulated Carcinogen: No

### 7 - EMERGENCY FIRST AID PROCEDURES

**Eyes:** Flush eyes with water for at least 15 minutes.  
**Skin:** Wash with soap and water. Use hand lotion.  
**Inhalation:** Remove exposed person to fresh air.  
**Ingestion:** Consult physician

### 8 - PRECAUTIONS FOR SAFE HANDLING & USE

**Steps to be taken in case material is released or spilled:** Ventilate area of spill or release. Vacuum or sweep up. Avoid unnecessary stirring or handling in order to prevent formation of dust.  
**Waste Disposal Method:** Landfill  
**Precautions to be taken in handling and storing:** Do not breathe dust. Keep container closed.  
**Other precautions:** Use only according to directions.

### 9 - CONTROL MEASURES

**Respiratory Protection (Specify Type):** Respirator  
**VENTILATION:**  
**Local Exhaust:** Use sufficient local exhaust to reduce the level of respirable silica to the >PEL.  
**Mechanical (General):** May be sufficient  
**Protective Gloves:** Gloves optional  
**Eye Protection:** Safety glasses  
**Work/Hygiene Practices:** Handle in accordance with good personal hygiene and safety practices. These practices include avoiding unnecessary exposure.

### 10 - TRANSPORTATION INFORMATION

Not DOT regulated.

### 11 - SPECIAL INFORMATION

**HMIS (Hazardous Material Identification System) Ratings:**  
H2 F0 R0  
[Hazard Index: 4 - Severe Hazard; 3 - Serious Hazard; 2 - Moderate Hazard; 1 - Slight Hazard; 0 - Minimum Hazard]

**State RTK: California Prop 65 Warning:** This product contains crystalline silica, a chemical known to the State of California to cause cancer.