

# MATERIAL SAFETY DATA SHEET

## ALGINOT BASE PASTE ( CARTRIDGE AND BULK )

### Impression Material

#### 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

This product contains no hazardous components as defined in the OSHA Hazard Communication Standard ( 29 CFR 1910.1200 ).

<u>Other Ingredients</u>	<u>PEL</u>	<u>TLV</u>	<u>%</u>
Polyvinyl Siloxanes	N/A	N/A	35-40
Fumed Silica (Silicon Dioxide)	N/A	N/A	60-65

#### 3 - PHYSICAL AND CHEMICAL PROPERTIES

**Boiling Point:** N/A  
**Specific Gravity (H<sub>2</sub>O = 1):** ~1.25  
**Vapor Pressure (mm Hg):** N/D  
**Vapor Density (AIR = 1):** N/D  
**Solubility in Water:** Insoluble  
**Appearance and Odor:** Light yellow paste with a slight fruity odor.

#### 4 - FIRE AND EXPLOSION HAZARD DATA

**Flash Point (Method Used):** >288 °F (142 °C)  
**Flammable Limits:** LEL: N/A UEL: N/A  
**Extinguishing Media:** Water spray, carbon dioxide and dry chemical.  
**Special Fire Fighting Procedures:** None known  
**Unusual Fire and Explosion Hazards:** Irritating fumes may develop when product is heated. Avoid eye and skin contact. Do not breathe fumes.

#### 5 - REACTIVITY DATA

**Stability:** Stable  
**Conditions to Avoid:** Elevated temperatures or open flame  
**Incompatibility (Materials to Avoid):** Oxidizers  
**Hazardous Decomposition Products:** N/A  
**Hazardous Polymerization:** Will not occur

#### 6 - HEALTH HAZARD DATA

**Routes of Entry:**  
**Skin:** May cause mild irritation.  
**Eyes:** May cause irritation.  
**Inhalation:** May cause mild irritation.  
**Ingestion:** May be harmful if swallowed.  
**Carcinogenicity -** NTP: No  
**IARC Monographs:** No OSHA Regulated Carcinogen: No

#### 7 - EMERGENCY FIRST AID PROCEDURES

**Skin:** Flush with water, then wash with soap and water .  
**Eyes:** Flush with water for 15 minutes. Get medical attention.  
**Inhalation:** Move individual to fresh air.  
**Ingestion:** Do not give fluids or induce vomiting. Get medical attention.

#### 8 - PRECAUTIONS FOR SAFE HANDLING & USE

**Steps to be taken in case material is released or spilled:** Cover spill with absorbent material. Transfer to a suitable container.  
**Waste Disposal Method:** Do not release into sewer system. Dispose of absorbent material as solid waste.  
**Precautions to be taken in handling and storing:** Use according to directions. Store in a cool, dry area.

#### 9 - CONTROL MEASURES

**Respiratory Protection (Specify Type):** N/A  
**VENTILATION:**  
**Local Exhaust:** Use in a well-ventilated area.  
**Mechanical (General):** Should be sufficient  
**Protective Gloves:** Protective gloves are recommended.  
**Eye Protection:** Safety glasses  
**Other Protective Clothing or Equipment:** None  
**Work/Hygiene Practices:** Handle in accordance with good personal hygiene and safety practices. Includes avoiding unnecessary exposure.

#### 10 - TRANSPORTATION INFORMATION

Not DOT regulated.

#### 11 - ADDITIONAL INFORMATION

**HMIS (Hazardous Material Identification System) Rating:**  
H1 F0 R0  
[HMIS Index: 4 - Severe Hazard; 3 -Serious Hazard;  
2 - Moderate Hazard; 1 - Slight Hazard; 0 - Minimum Hazard]

**Note:** This MSDS was prepared in accordance with the requirements of the OSHA Hazard Communication Standard (29 CFR 1910.1200) and is to be used only for this product. The information in this MSDS is, to the best of our knowledge, believed to be accurate.

# MATERIAL SAFETY DATA SHEET

## ALGINOT CATALYST PASTE ( CARTRIDGE AND BULK )

### Impression Material

#### 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

This product contains no hazardous components as defined in the OSHA Hazard Communication Standard ( 29 CFR 1910.1200 ).

<u>Other Ingredients</u>	<u>PEL</u>	<u>TLV</u>	<u>%</u>
Polyvinyl Siloxanes	N/A	N/A	35-40
Wollastonite ( Calcium Silicate )	N/A	N/A	50-60
Fumed Silica ( Silicon Dioxide )	N/A	N/A	5-10
Platinum Catalyst Complex	N/A	N/A	1 - 5

#### 3 - PHYSICAL AND CHEMICAL PROPERTIES

**Boiling Point:** N/A  
**Specific Gravity (H<sub>2</sub>O = 1):** ~1.25  
**Vapor Pressure (mm Hg):** N/D  
**Vapor Density (AIR = 1):** N/D  
**Solubility in Water:** Insoluble  
**Appearance and Odor:** White paste with a slight fruity odor.

#### 4 - FIRE AND EXPLOSION HAZARD DATA

**Flash Point (Method Used):** > 288 °F (142 °C)  
**Flammable Limits:** LEL: N/A UEL: N/A  
**Extinguishing Media:** Water spray, carbon dioxide and dry chemical.  
**Special Fire Fighting Procedures:** None known.  
**Unusual Fire and Explosion Hazards:** Irritating fumes may develop when product is heated. Avoid eye and skin contact. Do not breathe fumes.

#### 5 - REACTIVITY DATA

**Stability:** Stable  
**Conditions to Avoid:** Elevated temperatures or open flame.  
**Incompatibility (Materials to Avoid):** Oxidizers  
**Hazardous Decomposition Products:** N/A  
**Hazardous Polymerization:** Will not occur

#### 6 - HEALTH HAZARD DATA

**Routes of Entry:**  
**Skin:** May cause mild irritation.  
**Eyes:** May cause irritation.  
**Inhalation:** May cause mild irritation.  
**Ingestion:** May be harmful if swallowed.  
**Carcinogenicity -** NTP: No  
**IARC Monographs:** No **OSHA Regulated Carcinogen:** No

#### 7 - EMERGENCY FIRST AID PROCEDURES

**Skin:** Flush with water, then wash with soap and water .  
**Eyes:** Flush with water for 15 minutes. Get medical attention.  
**Inhalation:** Move individual to fresh air.  
**Ingestion:** Do not give fluids or induce vomiting. Get medical attention.

#### 8 - PRECAUTIONS FOR SAFE HANDLING & USE

**Steps to be taken in case material is released or spilled:** Cover spill with absorbent material. Transfer to a suitable container.  
**Waste Disposal Method:** Do not release into sewer system. Dispose of absorbent material as solid waste.  
**Precautions to be taken in handling and storing:** Use according to directions. Store in a cool, dry area.

#### 9 - CONTROL MEASURES

**Respiratory Protection (Specify Type):** N/A  
**VENTILATION:**  
**Local Exhaust:** Use in a well-ventilated area  
**Mechanical (General):** Should be sufficient  
**Protective Gloves:** Protective gloves recommended  
**Eye Protection:** Safety glasses  
**Other Protective Clothing or Equipment:** None  
**Work/Hygiene Practices:** Handle in accordance with good personal hygiene and safety practices. Includes avoiding unnecessary exposure.

#### 10 - TRANSPORTATION INFORMATION

Not DOT regulated.

#### 11 - ADDITIONAL INFORMATION

**HMIS (Hazardous Material Identification System) Rating:**  
H1 F0 R0  
[HMIS Index: 4 - Severe Hazard; 3 - Serious Hazard;  
2 - Moderate Hazard; 1 - Slight Hazard; 0 - Minimum Hazard]

**Note:** This MSDS was prepared in accordance with the requirements of the OSHA Hazard Communication Standard (29 CFR 1910.1200) and is to be used only for this product. The information in this MSDS is, to the best of our knowledge, believed to be accurate.