MATERIAL SAFETY DATA SHEET

BASIS ALGINATE IMPRESSION MATERIAL

1 - IDENTIFICATION

Manufacturer: Ormco Corporation
Address: 1717 West Collins Avenue
City, State, Zip: Orange, CA 92867
Telephone: 1-800-854-1741
24-Hour Emergency: **Chemtrec 1-800-424-9300**
Date Prepared: February 22, 2006

2 - COMPOSITION INFORMATION

Hazardous Ingredients

	CAS #	PEL	TLV	%
Cristobalite	14464-46-1	0.05 mg/m^3	0.05 mg/m^3	<60

Other Ingredients
Metal salts of alginic acid and fumed silica

3 - PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point: N/A
Specific Gravity (H_20 = 1): N/A
Vapor Pressure (mm Hg): N/A
Vapor Density (AIR = 1): N/A
Freezing/Melting Point: N/A
Solubility in Water: Slightly soluble
Appearance and Odor: A dustless Alginate Impression Material
Basis Unflavored: An odorless, flavorless white powder
Basis Cinnamon: A pink powder with a cinnamon odor

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 Byproducts: N/A
Hazardous Polymerization: Will not occur

6 - HEALTH HAZARD DATA

Routes of Entry:
Skin: May cause a dry feeling.
Eyes: May cause irritation.
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 limited evidence of the carcinogenicity of crystalline silica to humans. IARC class 2A
Ingestion: May result in an intestinal obstruction.
Carcinogenicity - **NTP:** No
IARC Monographs: Yes **OSHA Regulated Carcinogen:** Yes

7 - EMERGENCY FIRST AID PROCEDURES

Skin: Wash with soap and water. Use hand lotion.
Eyes: Flush eyes with water for at least 15 minutes.
Inhalation: Remove exposed person to fresh air.
Ingestion: Consult a 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: Wear an approved respirator.
VENTILATION:
Local Exhaust: Use sufficient local exhaust to reduce the level of respirable silica to the PEL.
Mechanical (General): Recommended
Protective Gloves: Gloves are recommended
Eye Protection: Safety glasses are recommended
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) Rating:
H3 F0 R0
[HMIS Hazard Index: 4 – Severe Hazard; 3 – Serious Hazard; 2 – Moderate Hazard; 1 – Slight Hazard; 0 – Minimum Hazard]

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

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 contained in this MSDS is, to the best of our knowledge, believed to be accurate.