MATERIAL SAFETY DATA SHEET

PROTECH GLASS IONOMER CEMENT POWDER

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: September 20, 2001

2 - COMPOSITION INFORMATION

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

Other Ingredients
Barium aluminum fluorosilicate glass

3 - PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point: N/A
Specific Gravity (H2O = 1): N/A
Vapor Pressure (mm Hg): N/A
Vapor Density (AIR = 1): N/A
Freezing/Melting Point: N/A
Solubility in Water: N/D
Appearance and Odor: White to light orange, odorless, fine powder

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: Elevated temperatures
Incompatibility (Material to Avoid): Strong acids and bases
Hazardous Decomposition Byproducts: Oxides of carbon
Hazardous Polymerization: Will not occur

6 - HEALTH HAZARD DATA

Routes of Entry:
Skin: Moderate irritation with reversible contact dermatitis in some sensitive individuals.
Eyes: Contact with eyes can cause damage.
Inhalation: Mildly irritating to throat and lungs
Ingestion: May be harmful or fatal if swallowed.
Carcinogenicity - NTP: No
IARC Monographs: No
OSHA Regulated Carcinogen: No

7 - EMERGENCY FIRST AID PROCEDURES

Skin: Wash skin with soap and water. Rinse for at least 15 minutes.
Eyes: Flush with water for at least 15 minutes. Seek medical attention if necessary.
Inhalation: Remove to fresh air. If discomfort persists, contact a physician.
Ingestion: Give large amounts of water and contact a physician immediately.

8 - PRECAUTIONS FOR SAFE HANDLING & USE

Steps to be taken in case material is released or spilled: Ventilate area; wear gloves and safety glasses. Wipe with sponge or paper towel. Discard paper towels along with normal solid trash.

Waste Disposal Method: Dispose of in accordance with federal, state and local requirements.

Precautions to be taken in handling and storing: Store product in original sealed container at normal room temperature.

9 - CONTROL MEASURES

Respiratory Protection: Not required if room ventilation is adequate
VENTILATION:
Local Exhaust: Not required
Mechanical (General): Normal ventilation is sufficient.
Protective Gloves: Nitrile or butyl rubber gloves recommended. Latex surgical gloves are acceptable.
Eye Protection: Safety glasses recommended.
Work/Hygiene Practices: Handle in accordance with good personal hygiene and safety practices. These practices include avoiding unnecessary exposure to uncured material. Avoid contamination of food.

10 - TRANSPORTATION INFORMATION

Not DOT regulated.

11 - SPECIAL INFORMATION

HMIS (Hazardous Material Identification System) Rating:
H1 F0 R0

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.