

MATERIAL SAFETY DATA SHEET

Date Issued: 04/29/2009
 MSDS No: BS 1015
 Date Revised: 06/23/2009
 Revision No: 1

Resilience® Multi-Cure Glass Ionomer Catalyst Paste

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Resilience® Multi-Cure Glass Ionomer Catalyst Paste
PRODUCT DESCRIPTION: Multi-Cure Catalyst Paste
PRODUCT CODE: FC-GRAN-007; FC-GRAN-061; FC-GRAN-067
CHEMICAL FAMILY: Aromatic and Aliphatic Dimethacrylate Monomers

MANUFACTURER

Ortho Technology, Inc.
 17401 Commerce Park Boulevard
 Tampa FL 33647
Product Stewardship: 1-800-999-3161

24 HR. EMERGENCY TELEPHONE NUMBERS

For Chemical Emergency
 Spill Leak or Fire Exposure or Accident
 Call CHEMTREC Day or Night
 Domestic North America 1-800-424-9300
 International, Call +1 703-527-3887 (collect calls
 accepted)

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

PHYSICAL APPEARANCE: Off-white paste, with acrylate odor.

POTENTIAL HEALTH EFFECTS

EYES: Mild irritant

SKIN: Mild irritant

INHALATION: Not likely under normal conditions

HEALTH HAZARDS: Repeated contact with skin may cause irritation and reddening.

PHYSICAL HAZARDS: Incompatibility with strong oxidizing agents and reducing agents and peroxides.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS
Aromatic and Aliphatic Dimethacrylates Monomers	N/A
Benzoyl Peroxide	94-36-0
2,6-DI-Tert-Butyl-P-Cresol (BHT)	128-37-0
Silicon Dioxide	7631-86-9

4. FIRST AID MEASURES

EYES: Flush with copious amounts of water.

SKIN: Wash with soap and water.

INGESTION: No adverse effects are expected. Seek medical attention if necessary

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INHALATION: Remove to fresh air.

5. FIRE FIGHTING MEASURES

FLASHPOINT AND METHOD: Not Determined

FLAMMABLE LIMITS: Not Determined

AUTOIGNITION TEMPERATURE: Not Determined

EXTINGUISHING MEDIA: Dry Chemical Foam, CO₂, Dry Chemical

EXPLOSION HAZARDS: None Reported

FIRE FIGHTING PROCEDURES: None required

FIRE FIGHTING EQUIPMENT: Use full protective clothing and self contained breathing apparatus.

FIRE EXPLOSION: None Reported

HAZARDOUS DECOMPOSITION PRODUCTS: Oxides of Carbon

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILL: Pick up spilled material with impervious gloves and place into an appropriate container

SPECIAL PROTECTIVE EQUIPMENT: Glove and eye protection suggested

7. HANDLING AND STORAGE

GENERAL PROCEDURES: Follow instructions for use

HANDLING: To be handled by qualified dental professionals.

STORAGE: Avoid moisture contact in unpolymerized state.

STORAGE TEMPERATURE: Store at or below room temperature.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Safety glasses; splash goggles recommended.

SKIN: Wear lab coat and compatible chemical-resistant gloves.

RESPIRATORY: None required under normal use

PROTECTIVE CLOTHING: Wear lab coat

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Off-white paste

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ODOR: Acrylate odor

COLOR: Off-white

BOILING POINT: No data

MELTING POINT: No Data

FLASHPOINT AND METHOD: Not Determined

SOLUBILITY IN WATER: Insoluble, Flux alone (inside the Pellets) is water soluble

SPECIFIC GRAVITY: Greater than 1

10. STABILITY AND REACTIVITY

STABILITY: Stable.

CONDITIONS TO AVOID: High temperatures and UV light, oxidizing and reducing agents and peroxides should be avoided.

POSSIBILITY OF HAZARDOUS REACTIONS: None known.

HAZARDOUS DECOMPOSITION PRODUCTS: Oxides of Carbon

11. TOXICOLOGICAL INFORMATION

EYE EFFECTS: Irritation to the eyes can occur

SKIN EFFECTS: Irritation to the skin can occur

12. ECOLOGICAL INFORMATION

ENVIRONMENTAL DATA: May cause adverse environmental impact if material reaches waterways

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Dispose of waste at an appropriate waste disposal facility according to current applicable laws and regulations

14. TRANSPORT INFORMATION

COMMENTS: Not Hazardous Materials or Dangerous Goods per USDOT/IATA/ICAO.

15. REGULATORY INFORMATION

GENERAL COMMENTS: R21: Harmful in contact with skin; S24: Avoid contact with skin.

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16. OTHER INFORMATION

REASON FOR ISSUE: New MSDS Format

APPROVED BY: J. Hutchins **TITLE:** QA / RA Director

PREPARED BY: T. Swan

INFORMATION CONTACT: 1-800-999-3161

REVISION SUMMARY: Revision #: 1. This MSDS replaces the May 02, 2008 MSDS., , , , , Any changes in information are as follows: In Section 1: Approved by, Title, Prepared By, Date Prepared, 24 Hour Emergency Phone NumbersIn Section 2: Physical Appearance, Potential Health Effects - Skin Absorption, Potential Health Effects - Ingestion, Signs & Symptoms - Ingestion, Signs & Symptoms - Inhalation, Signs & Symptoms - Skin, Health Hazards, Physical HazardsIn Section 4: Firstaid - InhalationIn Section 5: Fire ExplosionIn Section 6: Water SpillIn Section 7: (Group Field) for Storage Temperature, Storage, General ProceduresIn Section 14: Comments

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