

MATERIAL SAFETY DATA SHEET

Date Issued: 05/01/2008

MSDS No: BS 1015

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: Methacrylates

MANUFACTURER

Ortho Technology, Inc.
17401 Commerce Park Boulevard
Tampa FL 33647

Product Stewardship: 1-800-999-3161

2. COMPOSITION / INFORMATION ON INGREDIENTS

INGREDIENT(S)	CAS
Aromatic and Aliphatic Dimethacrylate Monomers	
Benzoyl Peroxide	000094-36-0
2,6-di-tert-butyl-p-cresol (BHT)	000128-37-0
Silicon Dioxide	14808-60-7

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

PHYSICAL APPEARANCE: Off-white paste

POTENTIAL HEALTH EFFECTS

EYES: Mild irritant

SKIN: Mild irritant

SKIN ABSORPTION: Not Established

INGESTION: Mild irritant

INHALATION: Not likely under normal conditions

SIGNS AND SYMPTOMS OF OVEREXPOSURE

SKIN: Repeated contact with skin may cause reddening and irritation.

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

INHALATION: Not likely under normal conditions

4. FIRST AID MEASURES

EYES: Flush with copious amounts of water for at least 15 minutes. Seek medical attention

SKIN: Wash with soap and water.

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

INHALATION: Move 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.

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

ENVIRONMENTAL PRECAUTIONS

WATER SPILL: May cause adverse environmental impact if material reaches waterways

SPECIAL PROTECTIVE EQUIPMENT: Glove and eye protection suggested

7. HANDLING AND STORAGE

HANDLING: To be handled by qualified dental professionals. Follow the instructions for use.

STORAGE: Store at or below room temperature. Avoid moisture in unpolymerized state.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Safety glasses; splash goggles

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

ODOR: Acrylate odor

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COLOR: Off-white

BOILING POINT: No data

MELTING POINT: No Data

SOLUBILITY IN WATER: Insoluble

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 eye 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: None required

15. REGULATORY INFORMATION

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

16. OTHER INFORMATION

REASON FOR ISSUE: New MSDS Format

APPROVED BY: P. Wilkens **TITLE:** VP Marketing and Product Development

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PREPARED BY: T. Bouchard

INFORMATION CONTACT: 1-800-999-3161

REVISION SUMMARY: New MSDS

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