

MATERIAL SAFETY DATA SHEET

Date Issued: 06/24/2009
 MSDS No: BS1014
 Date Revised: 06/24/2009
 Revision No: 1

Resilience® Multi-Cure Glass Ionomer Base Adhesive

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Resilience® Multi-Cure Glass Ionomer Base Adhesive
PRODUCT DESCRIPTION: Multi-Cure Fluoride Releasing Glass Ionomer Band Cement
PRODUCT CODE: FC-GRAN-007; FC-GRAN-061; FC-GRAN-066;
CHEMICAL FAMILY: Methacrylate

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: Beige Paste

POTENTIAL HEALTH EFFECTS

EYES: Mild irritant

SKIN: Mild irritant

INGESTION: Mild irritant

INHALATION: None under normal conditions.

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

PHYSICAL HAZARDS: Incompatible with oxidizing agents and visible light.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS
Aromatic and Aliphatic Dimethacrylates Monomers	N/A
N-N Dihydroxyethyl P-Toluidine	3077-12-1
2-Hydroxyethyl Methacrylate	868-77-9
Fluoroalumino Silicate Glass	N/A

4. FIRST AID MEASURES

EYES: Flush with copious amounts of water.

SKIN: Wash with soap and water.

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INGESTION: Seek medical attention

INHALATION: No data

5. FIRE FIGHTING MEASURES

FLASHPOINT AND METHOD: Not Determined

AUTOIGNITION TEMPERATURE: Not Determined

EXTINGUISHING MEDIA: Dry Chemical Foam, CO2, Dry Chemical

FIRE FIGHTING PROCEDURES: None required

FIRE FIGHTING EQUIPMENT: Wear self-contained breathing apparatus

FIRE EXPLOSION: Heat can cause polymerization with rapid release of energy. Material may burn if exposed to flame.

HAZARDOUS DECOMPOSITION PRODUCTS: Oxides of Carbon

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILL: Pick up spilled material

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 contact with moisture in the unpolymerized state.

STORAGE TEMPERATURE: Store at or below room temperature.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Safety glasses or goggles.

SKIN: Gloves recommended.

RESPIRATORY: None required

PROTECTIVE CLOTHING: Wear lab coat

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Paste

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ODOR: Acrylate odor

APPEARANCE: Beige Paste

COLOR: Beige

BOILING POINT: ND = No Data/Not Determined

MELTING POINT: ND = No Data/Not Determined

FLASHPOINT AND METHOD: Not Determined

SOLUBILITY IN WATER: Low when polymerized

EVAPORATION RATE: Not Determined

SPECIFIC GRAVITY: 1.9

10. STABILITY AND REACTIVITY

STABILITY: Stable.

CONDITIONS TO AVOID: Oxidizing agents and visible light

POSSIBILITY OF HAZARDOUS REACTIONS: None known.

HAZARDOUS DECOMPOSITION PRODUCTS: None

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;

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S24/25: Avoid contact with skin and eyes

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 01, 2008 MSDS., , , , , , , , , , , Any changes in information are as follows: In Section 1: Approved by, Title, Prepared By, Date Prepared, 24 Hour Emergency Phone Numbers In Section 2: Potential Health Effects - Skin Absorption, Potential Health Effects - Inhalation, Signs & Symptoms - Eyes, Signs & Symptoms - Ingestion, Signs & Symptoms - Inhalation, Signs & Symptoms - Skin, Signs & Symptoms - Skin Absorption, Health Hazards, Physical Hazards In Section 4: Firstaid - Inhalation In Section 5: Fire Fighting Equipment, Combustion Products, Explosion Hazards, Fire Explosion In Section 6: Small Spill, Water Spill, Special Protective Equipment In Section 7: (Group Field) for Storage Temperature, Storage, General Procedures In Section 8: Engineering Controls, Skin Protection, Eyes-Face Protection, Respiratory Protection In Section 9: Physical State Code, Appearance, (Group Field) for Boiling Point, (Group Field) for Melting Point, (Group Field) for Density In Section 10: Conditions to Avoid In Section 14: Comments In Section 16: HMIS Flammability, HMIS Health, NFPA Flammability, NFPA Health, NFPA Reactivity

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