

MATERIAL SAFETY DATA SHEET

Date Issued: 12/01/2008
 MSDS No: BS1001
 Date Revised: 06/23/2009
 Revision No: 1

Resilience® Light-Cure Bracket Adhesive

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Resilience® Light-Cure Bracket Adhesive
PRODUCT DESCRIPTION: Light-cure Adhesive
PRODUCT CODE: FC-RESI-006/FC-RESI-017/FC-RESI-018/FC-RESI-047
CHEMICAL FAMILY: Methacrylate
GENERIC NAME: Orthodontic Adhesive

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. COMPOSITION / INFORMATION ON INGREDIENTS

INGREDIENT(S)	CAS
Bisphenol A Diglycidyl Methacrylate	1565-94-2
Triethylene Glycol Dimethacrylate	109-16-0
Camphorquinone	2767-84-2

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

PHYSICAL APPEARANCE: Creamy, off-white paste.

POTENTIAL HEALTH EFFECTS

EYES: Mild Irritant

SKIN: Mild to severe irritant

INGESTION: Mild irritant

INHALATION: Mild irritant

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

PHYSICAL HAZARDS: Incompatibility with high temperatures and oxidizing agents.

4. FIRST AID MEASURES

EYES: Flush with copious amounts of water.

SKIN: Wash with soap and water.

INGESTION: Consult with a physician

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INHALATION: Remove to fresh air.

5. FIRE FIGHTING MEASURES

FLASHPOINT AND METHOD: ND = No Data/Not Determined

AUTOIGNITION TEMPERATURE: ND = No Data/Not Determined

EXTINGUISHING MEDIA: Chemical foam, CO₂, dry chemical

EXPLOSION HAZARDS: Heat can cause polymerization with rapid release of energy which may rupture container

FIRE FIGHTING PROCEDURES: Use Water spray to cool containers.

FIRE FIGHTING EQUIPMENT: Wear pressure demand, self-contained breathing apparatus, MSHA/MIOSH - approved or equivalent and full protective gear

HAZARDOUS DECOMPOSITION PRODUCTS: Oxides of Carbon

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILL: Absorb the spill and dispose of in an approved 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

GENERAL PROCEDURES: Follow instructions for use

HANDLING: To be handled by quality dental professionals

STORAGE: Store away from food and beverages.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Safety glasses; splash goggles recommended.

SKIN: Gloves

RESPIRATORY: None required under use.

PROTECTIVE CLOTHING: Lab Coat.

9. PHYSICAL AND CHEMICAL PROPERTIES

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PHYSICAL STATE: Creamy, off-white paste

ODOR: Acrylic odor

COLOR: Off-white

PHYSICAL STATE COMMENTS: Paste

BOILING POINT: ND = No Data/Not Determined

MELTING POINT: Not Determined

SOLUBILITY IN WATER: Negligible

SPECIFIC GRAVITY: > 1.000

10. STABILITY AND REACTIVITY

STABILITY: Stable.

CONDITIONS TO AVOID: Avoid high temperatures, oxidizing agents and visible light

POSSIBILITY OF HAZARDOUS REACTIONS: None reported

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; S20/21: Do not eat, drink, or smoke

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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 December 01, 2008 MSDS., Any changes in information are as follows: In Section 1: 24 Hour Emergency Phone Numbers
In Section 14: Comments

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