

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. 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.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS
Bisphenol A Diglycidyl Methacrylate	1565-94-2
Triethylene Glycol Dimethacrylate	109-16-0
Camphorquinone	2767-84-2

4. FIRST AID MEASURES

EYES: Flush with copious amounts of water.

SKIN: Wash with soap and water.

INGESTION: Consult with a physician

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

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

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

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

FLASHPOINT AND METHOD: ND = No Data/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

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

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

MANUFACTURER DISCLAIMER: To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.