

SAFETY DATA SHEET

according to Regulation (EC) No. 453/2010

Date Issued : 12/01/2008
 SDS No : BS1001
 Date Revised : 11/04/2015
 Revision No : 2

Resilience® Light-Cure Bracket Adhesive

SECTION 1 : Identification of the substance/preparation and of the company/undertaking

1.1. Product identifier

Product code : FC-RESI-006/FC-RESI-017/FC-RESI-018/FC-RESI-047
Product name : Resilience® Light-Cure Bracket Adhesive
Product description : 6763M69B
Generic name : Orthodontic Adhesive
Chemical family : Methacrylate

1.2. Relevant identified uses of the substance or mixture and uses advised against

1.3. Details of the supplier of the safety data sheet

Manufacturer

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

Emergency Phone : 1-800-999-3161
E-Mail : ljohnson@orthotechnology.com

1.4. Emergency telephone number

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)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Directive 1999/45/EC

2.2. Label elements

Causes skin and eye irritation.

Classification according to Regulation (EC) No 1272/2008 [CLP]

Hazard pictogram(s) :



Exclamation
mark

Hazard statement(s) : H315 + H320: Causes skin and eye irritation.

2.3. Other hazards

Health hazards : Repeated contact with skin may cause irritation and reddening.
Physical hazards : Incompatibility with high temperatures and oxidizing agents.

SECTION 3: Composition / information on ingredients

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3.1. Substances

Not Applicable

3.2. Mixtures

Chemical Name	CAS	EINECS No.	Wt.%
Bisphenol A Diglycidyl Methacrylate	1565-94-2	216-367-7	~ 0 - 100
Triethylene Glycol Dimethacrylate	109-16-0	203-652-6	~ 0 - 100
Camphorquinone	2767-84-2	220-446-1	~ 0 - 100

SECTION 4: First aid measures

4.1. Description of first aid measures

Following eyes : Flush with copious amounts of water.
Following skin : Wash with soap and water.
Following ingestion : Consult with a physician
Following inhalation : Remove to fresh air.

4.2. Most important symptoms and effects, both acute and delayed

4.3. Indication of any immediate medical attention and special treatment needed

SECTION 5: Fire fighting measures

5.1. Extinguishing media

Extinguishing media : Chemical foam, CO2, dry chemical

5.2. Special hazards arising from the substance or mixture

Explosion hazards : Heat can cause polymerization with rapid release of energy which may rupture container

5.3. Advice for firefighters

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

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Special protective equipment : Glove and eye protection suggested

6.2. Environmental precautions

Water spill : May cause adverse environmental impact if material reaches waterways

6.3. Methods and material for containment and cleaning up

Small spill : Absorb the spill and dispose of in an approved container.

6.4. Reference to other sections

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SECTION 7: Handling and storage

7.1. Precautions for safe handling

General procedures : Follow instructions for use
Handling : To be handled by quality dental professionals
Storage : Store away from food and beverages.

7.2. Conditions for safe storage, including any incompatibilities

7.3. Specific end use(s)

SECTION 8: Exposure controls / personal protection

8.1. Control parameters

8.2. Exposure controls

Eye/face protection : Safety glasses; splash goggles recommended.
Skin protection : Gloves
Respiratory protection : None required under use.
Protective clothing : Lab Coat.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state : Creamy, off-white paste
Colour : Off-white
Odour : Acrylic odor
Melting temperature : Not Determined
Boiling temperature : ND = No Data/Not Determined
Flash point : ND = No Data/Not Determined
Specific gravity : > 1
Solubility in water : Negligible
Auto-ignition temperature : ND = No Data/Not Determined

9.2. Other information

SECTION 10: Stability and reactivity

10.1. Reactivity

10.2. Chemical stability

Chemical stability : Stable.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions : None reported

10.4. Conditions to avoid

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Conditions to avoid : Avoid high temperatures, oxidizing agents and visible light

10.5. Incompatible materials

10.6. Hazardous decomposition products

Hazardous decomposition products : Oxides of Carbon

SECTION 11: Toxicological information

11.1. Information on toxicological effects

SECTION 12: Ecological information

12.1. Toxicity

12.2. Persistence and degradability

12.3. Bioaccumulative potential

12.4. Mobility in soil

12.5. Results of PBT and vPvB assessment

12.6. Other adverse effects

Environmental data : May cause adverse environmental impact if material reaches waterways

SECTION 13: Disposal considerations

13.1. Waste treatment methods

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

SECTION 14: Transport information

14.1. UN number

14.2. UN proper shipping name

14.3. Transport hazard class(es)

14.4. Packing group

14.5. Environmental hazards

14.6. Special precautions for user

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

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

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

General comments : R21: Harmful in contact with skin; S20/21: Do not eat, drink, or smoke

15.2. Chemical safety assessment

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SECTION 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 : This MSDS replaces the 06/23/2009 MSDS. Revised: **Section 1:** REASON FOR ISSUE. **Section 2:** . **Section 3:** Wt.%.

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.