

SAFETY DATA SHEET

according to Regulation (EC) No. 453/2010
WORKING COPY

Date Issued : 02/18/2009
SDS No : BS1028

Resilience® Low Viscosity Light-Cure Flowable Composite

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

1.1. Product identifier

Product code : FC-RESI-007/ FC-RESI-008
Product name : Resilience® Low Viscosity Light-Cure Flowable Composite
Product description : 6763M69B
Generic name : Orthodontic Adhesive
Chemical family : Aromatic and Aliphatic Dimethacrylate Monomers

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

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Directive 1999/45/EC

2.2. Label elements

Irritating to skin

2.3. Other hazards

Health hazards : ND = No Data/Not Determined

SECTION 3: Composition / information on ingredients

3.1. Substances

Not Applicable

3.2. Mixtures

Chemical Name	CAS	EINECS No.	Wt. %
Bisphenol "A" Diglycidyl Methacrylate	156-94-2	N/A	~ 0 - 100
N-N Dihydroxyethyl P-Toluidine	3077-12-1	221-359-1	~ 0 - 100

SECTION 4: First aid measures

4.1. Description of first aid measures

Following eyes : Flush eye with copious amounts of water.
Following skin : Wash with soap and water.
Following ingestion : Seek medical attention

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Following inhalation : ND = No Data/Not Determined

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 : Dry Chemical Foam, CO2, Dry Chemical

5.2. Special hazards arising from the substance or mixture

Fire explosion : Material may burn if exposed to flame

5.3. Advice for firefighters

Fire fighting equipment : Firefighters should wear full protective clothing and self-contained breathing apparatus.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.2. Environmental precautions

6.3. Methods and material for containment and cleaning up

Small spill : Collect Spilled Materials

6.4. Reference to other sections

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Storage : Store at or below room temperature.

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

Engineering controls : None required

Eye/face protection : Eye protection recommended

Skin protection : Gloves recommended.

Respiratory protection : None

Protective clothing : None

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state : Filled Resin

Appearance : Resin

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Odour	: Characteristic acrylate odor
Melting temperature	: ND = No Data/Not Determined
Boiling temperature	: ND = No Data/Not Determined
Flash point	: ND = No Data/Not Determined
Evaporation rate	: (Butyl acetate = 1) ND = No Data/Not Determined
Flammable limits	: ND = No Data/Not Determined
Vapor pressure	: ND = No Data/Not Determined
Vapor density	: ND = No Data/Not Determined
Specific gravity	: (H ₂ O=1) 1.6
Solubility in water	: Insoluble.

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

Hazardous polymerization : Hazardous polymerization may occur in large quantities.

10.4. Conditions to avoid

Conditions to avoid : High Temperatures. Exposure to Any Visible Light Sources.

10.5. Incompatible materials

Incompatible materials : Strong oxidizing agents.

10.6. Hazardous decomposition products

Hazardous decomposition products : ND = No Data/Not Determined

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Carcinogenicity : ND = No Data/Not Determined

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

Additional information : ND = No Data/Not Determined

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SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal method : Dispose in accordance with local, state, and federal 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 : None Reported

SECTION 15: Regulatory information

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

15.2. Chemical safety assessment

Additional information : None Reported

SECTION 16: Other information

Reason for issue : New MSDS Format

Approved by : QA/RA Director

Prepared by : QA Specialist

Information contact : 1-800-999-3161

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