

MATERIAL SAFETY DATA SHEET

Date Issued: 02/18/2009

MSDS No: BS1028

Resilience® Low Viscosity Light-Cure Flowable Composite

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Resilience® Low Viscosity Light-Cure Flowable Composite

PRODUCT DESCRIPTION: Light-cure Adhesive

PRODUCT CODE: FC-RESI-007/ FC-RESI-008

CHEMICAL FAMILY: Aromatic and Aliphatic Dimethacrylate Monomers

GENERIC NAME: Orthodontic Adhesive

MANUFACTURER

Ortho Technology, Inc.

17401 Commerce Park Boulevard

Tampa FL 33647

Product Stewardship: 1-800-999-3161

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

PHYSICAL APPEARANCE: Resin

POTENTIAL HEALTH EFFECTS

SKIN: Repeated Exposure to Skin May Cause Irritation and Reddening.

SIGNS AND SYMPTOMS OF OVEREXPOSURE

CARCINOGENICITY: ND = No Data/Not Determined

ROUTES OF ENTRY: Inhalation - Not Determined

Skin - Yes

Ingestion - Possible

HEALTH HAZARDS: ND = No Data/Not Determined

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS
Aromatic and Aliphatic Dimethacrylate Monomers	N/A
N-N Dihydroxyethyl P-Toluidine	3077-12-1

4. FIRST AID MEASURES

EYES: Flush eye with copious amounts of water.

SKIN: Wash with soap and water.

INGESTION: Seek medical attention

INHALATION: ND = No Data/Not Determined

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5. FIRE FIGHTING MEASURES

FLASHPOINT AND METHOD: ND = No Data/Not Determined

FLAMMABLE LIMITS: ND = No Data/Not Determined

EXTINGUISHING MEDIA: Dry Chemical Foam, CO₂, Dry Chemical

FIRE FIGHTING EQUIPMENT: Firefighters should wear full protective clothing and self-contained breathing apparatus.

FIRE EXPLOSION: Material may burn if exposed to flame

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILL: Collect Spilled Materials

7. HANDLING AND STORAGE

STORAGE: Store at or below room temperature.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING CONTROLS: None required

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Eye protection recommended

SKIN: Gloves recommended.

RESPIRATORY: None

PROTECTIVE CLOTHING: None

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Filled Resin

ODOR: Characteristic acrylate odor

APPEARANCE: Resin

VAPOR PRESSURE: ND = No Data/Not Determined

VAPOR DENSITY: ND = No Data/Not Determined

BOILING POINT: ND = No Data/Not Determined

MELTING POINT: ND = No Data/Not Determined

FLASHPOINT AND METHOD: ND = No Data/Not Determined

SOLUBILITY IN WATER: Insoluble.

EVAPORATION RATE: (Butyl acetate = 1) ND = No Data/Not Determined

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SPECIFIC GRAVITY: (H₂O=1) 1.6

10. STABILITY AND REACTIVITY

STABILITY: Stable.

POLYMERIZATION: Hazardous polymerization may occur in large quantities.

CONDITIONS TO AVOID: High Temperatures. Exposure to Any Visible Light Sources.

HAZARDOUS DECOMPOSITION PRODUCTS: ND = No Data/Not Determined

INCOMPATIBLE MATERIALS: Strong oxidizing agents.

11. TOXICOLOGICAL INFORMATION

CARCINOGENICITY

Notes: ND = No Data/Not Determined

12. ECOLOGICAL INFORMATION

COMMENTS: ND = No Data/Not Determined

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Dispose in accordance with local, state, and federal regulations.

14. TRANSPORT INFORMATION

COMMENTS: None Reported

15. REGULATORY INFORMATION

COMMENTS None Reported

16. OTHER INFORMATION

REASON FOR ISSUE: New MSDS Format

APPROVED BY: QA/RA Director

PREPARED BY: QA Specialist

INFORMATION CONTACT: 1-800-999-3161

REVISION SUMMARY: New MSDS

MANUFACTURER DISCLAIMER: The information contained herein is based on data considered accurate. However, no warranty is expressed or implied regarding the accuracy of this data or the results to be

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