

SAFETY DATA SHEET

Date Issued: 02/18/2009

MSDS No: BS1028

Resilience® Low Viscosity Light-Cure Flowable Composite

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

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. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS	EINECS
Aromatic and Aliphatic Dimethacrylate Monomers	N/A	N/A
N-N Dihydroxyethyl P-Toluidine	3077-12-1	221-359-1

3. 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

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

5. FIRE FIGHTING MEASURES

SAFETY DATA SHEET

Date Issued: 02/18/2009

MSDS No: BS1028

Resilience® Low Viscosity Light-Cure Flowable Composite

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

FLASHPOINT AND METHOD: ND = No Data/Not Determined

FLAMMABLE LIMITS: ND = No Data/Not Determined

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

SOLUBILITY IN WATER: Insoluble.

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

SPECIFIC GRAVITY: (H₂O=1) 1.6

SAFETY DATA SHEET

Date Issued: 02/18/2009

MSDS No: BS1028

Resilience® Low Viscosity Light-Cure Flowable Composite

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 obtained from the use thereof. Ortho Technology assumes no responsibility for personal injury or property damage to vendees, users or third parties caused by this material. Such vendees or users assume all risks associated with the use of the material.

SAFETY DATA SHEET

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

Resilience® Low Viscosity Light-Cure Flowable Composite
