

# MATERIAL SAFETY DATA SHEET

Date Issued: 02/17/2009  
 MSDS No: BS1007  
 Date Revised: 02/18/2009  
 Revision No: 3

## Resilience® Light Cure Band Cement- Blue Shade

### 1. PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** Resilience® Light Cure Band Cement- Blue Shade  
**PRODUCT DESCRIPTION:** Light activated band cement- Blue Shade  
**PRODUCT CODE:** FC-RESI-038; FC-RESI-041  
**CHEMICAL FAMILY:** Methacrylates

#### MANUFACTURER

Ortho Technology, Inc.  
 17401 Commerce Park Boulevard  
 Tampa FL 33647  
**Product Stewardship:** 1-800-999-3161

### 2. HAZARDS IDENTIFICATION

#### EMERGENCY OVERVIEW

**PHYSICAL APPEARANCE:** Blue Paste

#### POTENTIAL HEALTH EFFECTS

**EYES:** Mild irritant  
**SKIN:** Mild irritant  
**INGESTION:** Mild irritant  
**INHALATION:** None under normal conditions

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS
Aromatic and Aliphatic Dimethacrylate Monomers	N/A
N-N Dihydroxyethyl P-Toluidine	3077-12-1
2-Hydroxyethyl Methacrylate	868-77-9
Fluoroalumino Silicate Glass	N/A

### 4. FIRST AID MEASURES

**EYES:** Flush with copious amounts of water.  
**SKIN:** Wash with soap and water.  
**INGESTION:** Seek medical attention  
**INHALATION:** No data

### 5. FIRE FIGHTING MEASURES

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**FLASHPOINT AND METHOD:** ND = No Data/Not Determined

**AUTOIGNITION TEMPERATURE:** ND = No Data/Not Determined

**EXTINGUISHING MEDIA:** Dry Chemical Foam, CO<sub>2</sub>, Dry Chemical

**EXPLOSION HAZARDS:** Heat can cause polymerization with rapid release of energy. Material may burn if exposed to flame.

**FIRE FIGHTING EQUIPMENT:** Wear self-contained breathing apparatus

**HAZARDOUS DECOMPOSITION PRODUCTS:** None known.

### 6. ACCIDENTAL RELEASE MEASURES

**SMALL SPILL:** Wipe up spilled material.

### 7. HANDLING AND STORAGE

**HANDLING:** To be handled by qualified dental professionals. Follow instructions for use.

**STORAGE:** Store at or below room temperature. Avoid Contact with moisture in the unpolymerized state.

### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

#### PERSONAL PROTECTIVE EQUIPMENT

**EYES AND FACE:** Safety glasses; splash goggles recommended.

**SKIN:** Gloves recommended.

**RESPIRATORY:** None required under normal use

**PROTECTIVE CLOTHING:** Wear lab coat

### 9. PHYSICAL AND CHEMICAL PROPERTIES

**PHYSICAL STATE:** Blue paste

**ODOR:** Acrylate odor

**COLOR:** Blue

**VAPOR PRESSURE:** ND = No Data/Not Determined

**VAPOR DENSITY:** ND = No Data/Not Determined

**BOILING POINT:** ND = No Data/Not Determined

**FREEZING POINT:** ND = No Data/Not Determined

**MELTING POINT:** ND = No Data/Not Determined

**FLASHPOINT AND METHOD:** ND = No Data/Not Determined

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**SOLUBILITY IN WATER:** Low when polymerized

**EVAPORATION RATE:** ND = No Data/Not Determined

**DENSITY:** ND = No Data/Not Determined

**SPECIFIC GRAVITY:** 1.9

### 10. STABILITY AND REACTIVITY

**STABILITY:** Stable.

**CONDITIONS TO AVOID:** Oxidizing agents and visible light

**POSSIBILITY OF HAZARDOUS REACTIONS:** None known.

**HAZARDOUS DECOMPOSITION PRODUCTS:** None

### 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

**DOT (DEPARTMENT OF TRANSPORTATION)**

**SPECIAL SHIPPING NOTES:** None

**COMMENTS:** None required

### 15. REGULATORY INFORMATION

**GENERAL COMMENTS:** R-Phrase:

R21: Harmful in contact with skin

S-Phrase:

S24/25: Avoid contact with skin and eyes.

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### 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:** Revision #: 3. This MSDS replaces the February 18, 2009 MSDS.

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