

# MATERIAL SAFETY DATA SHEET

Date Issued: 12/01/2008  
 MSDS No: BS1002  
 Date Revised: 06/23/2009  
 Revision No: 1

## Resilience® Sealant Resin

### 1. PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** Resilience® Sealant Resin  
**PRODUCT DESCRIPTION:** Sealant Resin  
**PRODUCT CODE:** FC-RESI-006; FC-RESI-019, FC-RESI-047  
**CHEMICAL FAMILY:** Aromatic and Aliphatic Dimethacrylate Monomers  
**GENERIC NAME:** Sealant Resin

#### MANUFACTURER

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

#### 24 HR. EMERGENCY TELEPHONE NUMBERS

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)

### 2. COMPOSITION / INFORMATION ON INGREDIENTS

INGREDIENT(S)	CAS
Aromatic and Aliphatic Dimethacrylates Monomers	N/A
Camphorquinone	2767-84-2
Tertiary Amine	N/A

### 3. HAZARDS IDENTIFICATION

#### EMERGENCY OVERVIEW

**PHYSICAL APPEARANCE:** Resin

#### POTENTIAL HEALTH EFFECTS

**EYES:** Mild irritant

**SKIN:** Mild irritant

**INHALATION:** Not likely under normal conditions

**HEALTH HAZARDS:** Repeated contact with skin may cause irritation and reddening.

**PHYSICAL HAZARDS:** Incompatibility with strong oxidizing agents.

### 4. FIRST AID MEASURES

**EYES:** Flush with copious amounts of water for at least 15 minutes.

**SKIN:** Wash with soap and water.

**INGESTION:** Seek medical attention, No adverse effects are expected.

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**INHALATION:** Remove to fresh air if there are any breathing difficulties.

### 5. FIRE FIGHTING MEASURES

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

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

**EXTINGUISHING MEDIA:** Dry chemical foam, CO2

**FIRE FIGHTING PROCEDURES:** None required

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

**FIRE EXPLOSION:** Material may burn if exposed to flame

**HAZARDOUS DECOMPOSITION PRODUCTS:** Oxides of Carbon

### 6. ACCIDENTAL RELEASE MEASURES

**SMALL SPILL:** Absorb small spills with a paper towel.

**LARGE SPILL:** Dike large spills with vermiculite or similar absorbent

**SPECIAL PROTECTIVE EQUIPMENT:** Glove and eye protection suggested

### 7. HANDLING AND STORAGE

**GENERAL PROCEDURES:** Follow instructions for use

**HANDLING:** To be handled by qualified dental professionals.

**STORAGE:** Store at or below room temperature. Do not expose to visible light.

**STORAGE TEMPERATURE:** Store at or below room temperature.

### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

#### PERSONAL PROTECTIVE EQUIPMENT

**EYES AND FACE:** Safety glasses or splash goggles

**SKIN:** Gloves

**RESPIRATORY:** None required under normal use

**PROTECTIVE CLOTHING:** Lab Coat.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

**PHYSICAL STATE:** Resin

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**ODOR:** Characteristic acrylate odor

**APPEARANCE:** Resin

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

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

**SOLUBILITY IN WATER:** Insoluble

**SPECIFIC GRAVITY:** > 1.000

### 10. STABILITY AND REACTIVITY

**STABILITY:** Stable.

**CONDITIONS TO AVOID:** Avoid high temperatures and visible light.

**POSSIBILITY OF HAZARDOUS REACTIONS:** Hazardous polymerization may occur in large quantities.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Oxides of Carbon

**INCOMPATIBLE MATERIALS:** Strong oxidizing agents.

### 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

**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:** J. Hutchins     **TITLE:** QA/RA Director

**PREPARED BY:** T. Swan

**INFORMATION CONTACT:** 1-800-999-3161

**REVISION SUMMARY:** Revision #: 1. This MSDS replaces the December 01, 2008 MSDS. Any changes in information are as follows: In Section 1: 24 Hour Emergency Phone Numbers

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