

# SAFETY DATA SHEET

**Date Prepared :** 12/01/2008  
**MSDS No :** BS1002  
**Date Revised :** 11/04/2015  
**Revision No :** 2

## Resilience® Sealant Resin

### 1. PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** Resilience® Sealant Resin  
**PRODUCT DESCRIPTION:** 6771M6BP  
**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  
**Emergency Phone:** 1-800-999-3161  
**E-Mail:** ljohnson@orthotechnology.com

#### 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. HAZARDS IDENTIFICATION

#### GHS LABEL

Causes skin and eye irritation.



Exclamation  
mark

**SIGNAL WORD:** WARNING

#### HAZARD STATEMENTS

H315 + H320: Causes skin and eye irritation.

#### 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.

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

# SAFETY DATA SHEET

Date Prepared : 12/01/2008  
 MSDS No : BS1002  
 Date Revised : 11/04/2015  
 Revision No : 2

## Resilience® Sealant Resin

Chemical Name	Wt. %	CAS
Bisphenol "A" Diglycidyl Methacrylate	~ 0 - 100	156-94-2
Camphorquinone	~ 0 - 100	2767-84-2
Iso-butyl Methacrylate	~ 0 - 100	97-86-9

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

### 5. FIRE FIGHTING MEASURES

**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

# SAFETY DATA SHEET

Date Prepared : 12/01/2008  
MSDS No : BS1002  
Date Revised : 11/04/2015  
Revision No : 2

## Resilience® Sealant Resin

**PHYSICAL STATE:** Resin  
**ODOR:** Characteristic acrylate odor  
**APPEARANCE:** Resin  
**FLASHPOINT AND METHOD:** ND = No Data/Not Determined  
**AUTOIGNITION TEMPERATURE:** ND = No Data/Not Determined  
**BOILING POINT:** ND = No Data/Not Determined  
**MELTING POINT:** ND = No Data/Not Determined  
**SOLUBILITY IN WATER:** Insoluble  
**SPECIFIC GRAVITY:** > 1

### 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.

### 16. OTHER INFORMATION

**REASON FOR ISSUE:** New MSDS Format  
**APPROVED BY:** J. Hutchins      **TITLE:** QA/RA Director

# SAFETY DATA SHEET

**Date Prepared :** 12/01/2008  
**MSDS No :** BS1002  
**Date Revised :** 11/04/2015  
**Revision No :** 2

## Resilience® Sealant Resin

---

**PREPARED BY:** T. Swan    **Date Revised:** 11/04/2015

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

**REVISION SUMMARY:** This MSDS replaces the 06/23/2009 MSDS. Revised: **Section 1:** REASON FOR ISSUE. **Section 2:** . **Section 3:** Wt. %.

**MANUFACTURER DISCLAIMER:** To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.