

# SAFETY DATA SHEET

**Date Issued :** 04/07/2009  
**MSDS No :** BS1011  
**Date Revised :** 11/04/2015  
**Revision No :** 2

## Resilience® Primer-Activated Adhesive

### 1. PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** Resilience® Primer-Activated Adhesive  
**PRODUCT DESCRIPTION:** 6917M7G4  
**PRODUCT CODE:** FC-RESI-012; FC-RESI-024; FC-RESI-026; FC-RESI-048  
**CHEMICAL FAMILY:** Aromatic and Aliphatic Dimethacrylate Monomers

#### MANUFACTURER

Ortho Technology, Inc.  
 17401 Commerce Park Boulevard  
 Tampa, FL 33647  
**Emergency Phone:** 1-800-999-3161  
**E-Mail:** ljohnson@orthotechnology.com

### 2. HAZARDS IDENTIFICATION

#### EMERGENCY OVERVIEW

**PHYSICAL APPEARANCE:** Off-White Paste with Characteristic Acrylate Odor.

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

**MEDICAL CONDITIONS AGGRAVATED:** Unknown

**ROUTES OF ENTRY:** Inhalation: Not Likely under normal use

Skin: Yes

Ingestion: Not Likely under normal use.

**HEALTH HAZARDS:** Unknown

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

INGREDIENT(S)	CAS	Wt. %
Bisphenol "A" Diglycidyl Methacrylate	156-94-2	~ 0 - 100
Benzoyl Peroxide	94-36-0	~ 0 - 100
2,6-DI-Tert-Butyl-P-Cresol (BHT)	128-37-0	~ 0 - 100
Silicon Dioxide	7631-86-9	~ 0 - 100
Sodium Fluoride	7681-49-4	~ 0 - 100

### 4. FIRST AID MEASURES

**EYES:** Flush with copious amounts of water.

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

**INGESTION:** Seek Medical Attention.

**INHALATION:** Remove to fresh air.

#### SIGNS AND SYMPTOMS OF OVEREXPOSURE

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

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### 5. FIRE FIGHTING MEASURES

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

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

**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:** Pick up the material with impervious gloves and place into an appropriate container.

#### ENVIRONMENTAL PRECAUTIONS

**WATER SPILL:** May cause adverse environmental impact if material reaches waterways

### 7. HANDLING AND STORAGE

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

**STORAGE:** Avoid moisture contact in unpolymerized state.

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

### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

#### PERSONAL PROTECTIVE EQUIPMENT

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

**SKIN:** Wear gloves

**RESPIRATORY:** None required under normal use

**PROTECTIVE CLOTHING:** Wear lab coat

### 9. PHYSICAL AND CHEMICAL PROPERTIES

**PHYSICAL STATE:** Off-white paste

**ODOR:** Characteristic acrylate odor

**COLOR:** Off-white

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

**FLAMMABLE LIMITS:** ND = No Data/Not Determined to ND = No Data/Not Determined

**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:** (H<sub>2</sub>O = 1): > 1

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### 10. STABILITY AND REACTIVITY

**HAZARDOUS POLYMERIZATION:** Hazardous polymerization may occur.

**STABILITY:** Stable.

**CONDITIONS TO AVOID:** High Temperatures and UV Light.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Oxides of Carbon

**INCOMPATIBLE MATERIALS:** Strong Oxidizing and Reducing Agents and Peroxides.

### 11. TOXICOLOGICAL INFORMATION

**EYE EFFECTS:** Irritation to the eyes can occur

**SKIN EFFECTS:** Irritation to the skin can occur

#### CARCINOGENICITY

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

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

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

### 12. ECOLOGICAL INFORMATION

**ENVIRONMENTAL DATA:** May cause adverse environmental impact if material reaches waterways

### 13. DISPOSAL CONSIDERATIONS

**DISPOSAL METHOD:** Dispose of in Accordance with the Federal, State and Local Regulations.

### 14. TRANSPORT INFORMATION

**COMMENTS:** None required

### 15. REGULATORY INFORMATION

**GENERAL COMMENTS:** R21: Harmful in contact with skin; S24: Avoid contact with skin.

### 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:** This MSDS replaces the 04/29/2009 MSDS. Revised: **Section 1:** REASON FOR ISSUE. **Section 3:** Wt. %.

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