

SAFETY DATA SHEET

Date Prepared : 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.
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 Tampa, FL 33647
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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

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

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, CO₂, 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: (H₂O = 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 **Date Revised:** 11/04/2015

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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