

SAFETY DATA SHEET

according to Regulation (EC) No. 453/2010

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

Resilience® Primer-Activated Adhesive

SECTION 1 : Identification of the substance/preparation and of the company/undertaking

1.1. Product identifier

Product code : FC-RESI-012; FC-RESI-024; FC-RESI-026; FC-RESI-048
Product name : Resilience® Primer-Activated Adhesive
Product description : 6917M7G4
Chemical family : Aromatic and Aliphatic Dimethacrylate Monomers

1.2. Relevant identified uses of the substance or mixture and uses advised against

1.3. Details of the supplier of the safety data sheet

Manufacturer

Ortho Technology, Inc.
 17401 Commerce Park Boulevard
 Tampa, FL 33647

Emergency Phone : 1-800-999-3161
E-Mail : ljohnson@orthotechnology.com

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Directive 1999/45/EC

2.2. Label elements

2.3. Other hazards

Health hazards : Unknown

SECTION 3: Composition / information on ingredients

3.1. Substances

Not Applicable

3.2. Mixtures

Chemical Name	CAS	EINECS No.	Wt. %
Bisphenol "A" Diglycidyl Methacrylate	156-94-2	N/A	~ 0 - 100
Benzoyl Peroxide	94-36-0	202-327-6	~ 0 - 100
2,6-DI-Tert-Butyl-P-Cresol (BHT)	128-37-0	204-881-4	~ 0 - 100
Silicon Dioxide	7631-86-9	231-545-4	~ 0 - 100
Sodium Fluoride	7681-49-4	231-667-8	~ 0 - 100

SECTION 4: First aid measures

4.1. Description of first aid measures

Following eyes : Flush with copious amounts of water.

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Following skin : Wash with soap and water.

Following ingestion : Seek Medical Attention.

Following inhalation : Remove to fresh air.

4.2. Most important symptoms and effects, both acute and delayed

Skin : Repeated contact with skin may cause reddening and irritation.

4.3. Indication of any immediate medical attention and special treatment needed

SECTION 5: Fire fighting measures

5.1. Extinguishing media

Extinguishing media : Dry Chemical Foam, CO2, Dry Chemical

5.2. Special hazards arising from the substance or mixture

Explosion hazards : Material may burn if exposed to flame

Fire explosion : Material may burn if exposed to flame

5.3. Advice for firefighters

Fire fighting equipment : Firefighters should wear full protective clothing and self-contained breathing apparatus.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.2. Environmental precautions

Water spill : May cause adverse environmental impact if material reaches waterways

6.3. Methods and material for containment and cleaning up

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

6.4. Reference to other sections

SECTION 7: Handling and storage

7.1. Precautions for safe handling

General procedures : To be handled by qualified dental professionals. Follow instructions for use

Storage : Avoid moisture contact in unpolymerized state.

7.2. Conditions for safe storage, including any incompatibilities

Storage temperature : Store at or below room temperature.

7.3. Specific end use(s)

SECTION 8: Exposure controls / personal protection

8.1. Control parameters

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8.2. Exposure controls

Eye/face protection : Safety glasses; splash goggles recommended.
Skin protection : Wear gloves
Respiratory protection : None required under normal use
Protective clothing : Wear lab coat

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state : Off-white paste
Colour : Off-white
Odour : Characteristic acrylate odor
Melting temperature : ND = No Data/Not Determined
Boiling temperature : ND = No Data/Not Determined
Flash point : ND = No Data/Not Determined
Evaporation rate : (Butyl acetate = 1) 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
Specific gravity : (H₂O = 1): > 1
Solubility in water : Insoluble

9.2. Other information

SECTION 10: Stability and reactivity

10.1. Reactivity

10.2. Chemical stability

Chemical stability : Stable.

10.3. Possibility of hazardous reactions

Hazardous polymerization : Hazardous polymerization may occur.

10.4. Conditions to avoid

Conditions to avoid : High Temperatures and UV Light.

10.5. Incompatible materials

Incompatible materials : Strong Oxidizing and Reducing Agents and Peroxides.

10.6. Hazardous decomposition products

Hazardous decomposition products : Oxides of Carbon

SECTION 11: Toxicological information

11.1. Information on toxicological effects

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SECTION 12: Ecological information

12.1. Toxicity

12.2. Persistence and degradability

12.3. Bioaccumulative potential

12.4. Mobility in soil

12.5. Results of PBT and vPvB assessment

12.6. Other adverse effects

Environmental data : May cause adverse environmental impact if material reaches waterways

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal method : Dispose of in Accordance with the Federal, State and Local Regulations.

SECTION 14: Transport information

14.1. UN number

14.2. UN proper shipping name

14.3. Transport hazard class(es)

14.4. Packing group

14.5. Environmental hazards

14.6. Special precautions for user

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Additional information : None required

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

General comments : R21: Harmful in contact with skin; S24: Avoid contact with skin.

15.2. Chemical safety assessment

SECTION 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.%.

Manufacturer disclaimer : To the best of our knowledge, the information contained herein is

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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.