

SAFETY DATA SHEET

according to Regulation (EC) No. 453/2010

Date Issued : 04/29/2009
 SDS No : BS 1015
 Date Revised : 11/06/2015
 Revision No : 2

Resilience® Multi-Cure Glass Ionomer Catalyst Paste

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

1.1. Product identifier

Product code : FC-GRAN-007 ; FC-GRAN-061 ; FC-GRAN-067
Product name : Resilience® Multi-Cure Glass Ionomer Catalyst Paste
Product description : 6924M7I2
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

1.4. Emergency telephone number

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)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Directive 1999/45/EC

2.2. Label elements

Causes skin and eye irritation.

2.3. Other hazards

Health hazards : Repeated contact with skin may cause irritation and reddening.
Physical hazards : Incompatibility with strong oxidizing agents and reducing agents and peroxides.

SECTION 3: Composition / information on ingredients

3.1. Substances

Not Applicable

3.2. Mixtures

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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

SECTION 4: First aid measures

4.1. Description of first aid measures

- Following eyes** : Flush with copious amounts of water.
- Following skin** : Wash with soap and water.
- Following ingestion** : No adverse effects are expected. Seek medical attention if necessary
- Following inhalation** : Remove to fresh air.

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

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** : None Reported
- Fire explosion** : None Reported

5.3. Advice for firefighters

- Fire fighting procedures** : None required
- Fire fighting equipment** : Use full protective clothing and self contained breathing apparatus.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

- Special protective equipment** : Glove and eye protection suggested

6.2. Environmental precautions

6.3. Methods and material for containment and cleaning up

- Small spill** : Pick up spilled 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

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

8.2. Exposure controls

Eye/face protection : Safety glasses; splash goggles recommended.
Skin protection : Wear lab coat and compatible chemical-resistant 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 : Acrylate odor
Melting temperature : No Data
Boiling temperature : No data
Flash point : Not Determined
Flammable limits : Not Determined
Specific gravity : Greater than 1
Solubility in water : Insoluble, Flux alone (inside the Pellets) is water soluble
Auto-ignition temperature : Not Determined

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

Possibility of hazardous reactions : None known.

10.4. Conditions to avoid

Conditions to avoid : High temperatures and UV light, oxidizing and reducing agents and

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peroxides should be avoided.

10.5. Incompatible materials

10.6. Hazardous decomposition products

Hazardous decomposition products : Oxides of Carbon

SECTION 11: Toxicological information

11.1. Information on toxicological effects

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 waste at an appropriate waste disposal facility according to current applicable laws and 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 : Not Hazardous Materials or Dangerous Goods per USDOT/IATA/ICAO.

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

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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 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.