

SAFETY DATA SHEET

according to Regulation (EC) No. 453/2010

Date Issued : 12/18/2008
 SDS No : BS 1016
 Date Revised : 11/04/2015
 Revision No : 3

Resilience® Glass Ionomer Liquid Band Cement

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

1.1. Product identifier

Product code : FC-GRAN-002; FC-GRAN-058; FC-GRAN-059
Product name : Resilience® Glass Ionomer Liquid Band Cement
Product description : 6931M7K1
Generic name : Polyacrylic Acid
Chemical family : Polyacrylic Acid

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 67/548/EEC

2.2. Label elements

Causes skin and eye irritation.

Classification according to Regulation (EC) No 1272/2008 [CLP]

Hazard pictogram(s) : 

Exclamation
mark

Hazard statement(s) : H315 + H320: Causes skin and eye irritation.

2.3. Other hazards

Health hazards : High vapor concentration can be irritating to eyes, nose, and throat.
 Repeated prolonged contact with skin may cause irritation.

Physical hazards : None

SECTION 3: Composition / information on ingredients

3.1. Substances

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Chemical Name	CAS	EINECS No.	Wt. %	Classification according to Directive 67/548/EEC
Polyacrylic Acid	79-10-7	201-177-9	~ 0 - 100	R21/22; S24/25

3.2. Mixtures

Not Applicable

For full text of H-statements and R-phrases: see SECTION 16.

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 known ingestion effects. Consult a physician
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** : No data

5.2. Special hazards arising from the substance or mixture

- Explosion hazards** : Material is non-combustible.

5.3. Advice for firefighters

- Fire fighting procedures** : None required
Fire fighting equipment : No data

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

- General procedures** : Contain spillage with an inert material, sand and place into containers suitable for disposal.
Special protective equipment : Approved respirator if a high vapor concentration exists. Gloves and eye protection suggested.

6.2. Environmental precautions

6.3. Methods and material for containment and cleaning up

6.4. Reference to other sections

SECTION 7: Handling and storage

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7.1. Precautions for safe handling

- Handling** : To be handled by qualified dental professionals. Follow instructions for use.
- Storage** : Store at or below room temperature away from direct light.

7.2. Conditions for safe storage, including any incompatibilities

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
- Skin protection** : Gloves
- Respiratory protection** : Respirator is suggested with large concentrations.
- Protective clothing** : Lab Coat.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

- Physical state** : Viscous Liquid
- Appearance** : Viscous liquid
- Odour** : No Obvious Odor.
- Melting temperature** : No Data
- Boiling temperature** : 98°C
- Flash point** : Non-combustible
- Specific gravity** : > 1.0
- Solubility in water** : Very Soluble
- Auto-ignition temperature** : No data

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** : Will not occur.

10.4. Conditions to avoid

- Conditions to avoid** : Direct sunlight

10.5. Incompatible materials

10.6. Hazardous decomposition products

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Hazardous decomposition products : Thermal decomposition may yield acrylic monomer and 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 in accordance with all local, state and federal regulations. 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

SECTION 15: Regulatory information

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

General comments : R-Phrase:
R21: Harmful in contact with skin
S-Phrase:
S24/25: Avoid contact with skin and eyes.

15.2. Chemical safety assessment

SECTION 16: Other information

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Relevant R-phrases and/or H-statements (number and full text) : R21/22: Harmful in contact with skin and if swallowed.
 S24/25: Avoid contact with skin and eyes.

Reason for issue : New MSDS Format

Approved by : J. Hutchins **Title** :QA/RA Manager

Prepared by : T. Swan

Information contact : 1-800-999-3161

Revision summary : This MSDS replaces the 12/18/2008 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.