

SAFETY DATA SHEET

Date Issued: 12/18/2008
 MSDS No: BS 1016
 Date Revised: 12/18/2008
 Revision No: 2

Resilience® Glass Ionomer Liquid Band Cement

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

PRODUCT NAME: Resilience® Glass Ionomer Liquid Band Cement

PRODUCT DESCRIPTION: Glass Ionomer Liquid

PRODUCT CODE: FC-GRAN-002; FC-GRAN-058; FC-GRAN-059

CHEMICAL FAMILY: Polyacrylic Acid

GENERIC NAME: Polyacrylic Acid

MANUFACTURER

Ortho Technology, Inc.

17401 Commerce Park Boulevard

Tampa FL 33647

Product Stewardship: 1-800-999-3161

2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS	EINECS	Classification
Polyacrylic Acid	79-10-7	201-177-9	R21/22,S24/25

(Full text of R-Phrases can be found under heading 16)

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

PHYSICAL APPEARANCE: Viscous Liquid

POTENTIAL HEALTH EFFECTS

EYES: Slight irritation to the eyes

SKIN: Repeated contact with skin may cause reddening and irritation

INGESTION: Severe Irritation

INHALATION: Mild irritation to throat.

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

PHYSICAL HAZARDS: None

4. FIRST AID MEASURES

EYES: Flush with copious amounts of water.

SKIN: Wash with soap and water.

INGESTION: No known ingestion effects. Consult a physician

INHALATION: Remove to fresh air.

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5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA: No data

EXPLOSION HAZARDS: Material is non-combustible.

FIRE FIGHTING PROCEDURES: None required

FIRE FIGHTING EQUIPMENT: No data

HAZARDOUS DECOMPOSITION PRODUCTS: Not determined

6. ACCIDENTAL RELEASE MEASURES

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.

7. HANDLING AND STORAGE

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

STORAGE: Store at or below room temperature away from direct light.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Safety glasses

SKIN: Gloves

RESPIRATORY: Respirator is suggested with large concentrations.

PROTECTIVE CLOTHING: Lab Coat.

9. PHYSICAL AND CHEMICAL PROPERTIES

FLASHPOINT AND METHOD: Non-combustible

AUTOIGNITION TEMPERATURE: No data

PHYSICAL STATE: Viscous Liquid

ODOR: No Obvious Odor.

APPEARANCE: Viscous liquid

BOILING POINT: 98°C

MELTING POINT: No Data

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SOLUBILITY IN WATER: Very Soluble

SPECIFIC GRAVITY: > 1.0

10. STABILITY AND REACTIVITY

STABILITY: Stable.

POLYMERIZATION: Will not occur.

CONDITIONS TO AVOID: Direct sunlight

HAZARDOUS DECOMPOSITION PRODUCTS: Thermal decomposition may yield acrylic monomer and oxides of carbon.

11. TOXICOLOGICAL INFORMATION

EYE EFFECTS: Mild irritation to the eyes

SKIN EFFECTS: Slight irritation to the skin

12. ECOLOGICAL INFORMATION

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

13. DISPOSAL CONSIDERATIONS

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

FOR LARGE SPILLS: Contain spillage with an inert material, sand and place into containers suitable for disposal. Keep out of water and sewer systems.

14. TRANSPORT INFORMATION

15. REGULATORY INFORMATION

GENERAL COMMENTS: R21/22: Harmful in contact with skin and if swallowed
S24/25: Avoid contact with skin and eyes.

16. OTHER INFORMATION

RELEVANT R-PHRASES:

R21/22: Harmful in contact with skin and if swallowed.

S24/25: Avoid contact with skin and eyes.

REASON FOR ISSUE: New MSDS Format

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PREPARED BY: T. Swan

INFORMATION CONTACT: 1-800-999-3161

REVISION SUMMARY: Revision #: 2. This MSDS replaces the December 01, 2008 MSDS. Any changes in information are as follows: In Section 1: Date Prepared

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