

MATERIAL 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. PRODUCT AND COMPANY IDENTIFICATION

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. 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

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS
Polyacrylic Acid	79-10-7

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

FLASHPOINT AND METHOD: Non-combustible
AUTOIGNITION TEMPERATURE: No data
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

PHYSICAL STATE: Viscous Liquid
ODOR: No Obvious Odor.
APPEARANCE: Viscous liquid
BOILING POINT: 98°C
MELTING POINT: No Data

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FLASHPOINT AND METHOD: Non-combustible

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

DOT (DEPARTMENT OF TRANSPORTATION)

OTHER SHIPPING INFORMATION: None required

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

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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: 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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