

SAFETY DATA SHEET

Date Issued: 12/18/2008
 MSDS No: BS1017
 Date Revised: 12/19/2008
 Revision No: 1

Resilience® Glass Ionomer Powder

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

PRODUCT NAME: Resilience® Glass Ionomer Powder
PRODUCT DESCRIPTION: Glass Ionomer Powder
PRODUCT CODE: FC-GRAN-002; FC-GRAN-057; FC-GRAN-059
GENERIC NAME: Glass Ionomer Luting Cement

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
Fluoroaluminosilicate Glass	N/A	N/A
Silica	N/A	N/A

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

PHYSICAL APPEARANCE: Off-white glass powder

POTENTIAL HEALTH EFFECTS

EYES: Mild Irritant. Mechanical eye irritation signs and symptoms may include pain, redness, tearing and corneal abrasion.

SKIN: Mild irritant. Mechanical skin irritation signs and symptoms may include abrasion and redness.

INHALATION: Irritation of respiratory tract. Signs and symptoms may include cough, sneezing, nasal discharge, headache, hoarseness and nose and throat pain.

HEALTH HAZARDS: Prolonged or repeated exposure may cause upper respiratory tract irritation.

PHYSICAL HAZARDS: None known.

4. FIRST AID MEASURES

EYES: Flush with water, get medical attention if symptoms persist.

SKIN: Wash with soap and water, get medical attention if symptoms persist.

INGESTION: Seek medical attention, no health effects are expected.

INHALATION: Remove to fresh air, get medical attention if symptoms persist

5. FIRE FIGHTING MEASURES

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EXTINGUISHING MEDIA: Material is not flammable

EXPLOSION HAZARDS: None Reported

FIRE FIGHTING PROCEDURES: Normal fire fighting procedures

FIRE FIGHTING EQUIPMENT: Normal fire fighting equipment

FIRE EXPLOSION: None Reported

HAZARDOUS DECOMPOSITION PRODUCTS: None

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILL: No special procedure, try to minimize dusting

7. HANDLING AND STORAGE

GENERAL PROCEDURES: To be handled by qualified dental professionals. Follow the instructions for use, avoid eye contact.

STORAGE TEMPERATURE: Store in a moisture free environment

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Safety glasses or splash goggles

SKIN: Wear gloves

RESPIRATORY: Respiratory protection is required with large amounts and when dusting occurs

PROTECTIVE CLOTHING: Wear lab coat

9. PHYSICAL AND CHEMICAL PROPERTIES

FLASHPOINT AND METHOD: ND = No Data/Not Determined

AUTOIGNITION TEMPERATURE: ND = No Data/Not Determined

PHYSICAL STATE: Off-white glass powder

ODOR: Odorless

BOILING POINT: ND = No Data/Not Determined

MELTING POINT: ND = No Data/Not Determined

SOLUBILITY IN WATER: Insoluble

SPECIFIC GRAVITY: > 1.000

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10. STABILITY AND REACTIVITY

STABILITY: Stable.

POLYMERIZATION: Will not occur.

CONDITIONS TO AVOID: None

POSSIBILITY OF HAZARDOUS REACTIONS: None

HAZARDOUS DECOMPOSITION PRODUCTS: None

11. TOXICOLOGICAL INFORMATION

EYE EFFECTS: Irritation to the eye may occur with repeated exposure

SKIN EFFECTS: Irritation to the skin may occur with repeated exposure

12. ECOLOGICAL INFORMATION

ENVIRONMENTAL DATA: ND = No Data/Not Determined

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Dispose of waste at an appropriate waste disposal facility according to current applicable laws and regulations.

14. TRANSPORT INFORMATION

15. REGULATORY INFORMATION

GENERAL COMMENTS: R20: Harmful by inhalation

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: Revision #: 1. This MSDS replaces the May 05, 2008 MSDS., , , , , Any changes in information are as follows: In Section 1: Approved by, Title, Prepared By, Date Prepared In Section 2: Potential Health Effects - Eyes, Potential Health Effects - Ingestion, Health Hazards, Physical Hazards In Section 4: Firstaid - Eyes, Firstaid - Skin, Firstaid - Ingestion In Section 5: (Group Field) for Auto Ignition, Flammable Class, (Group Field) for Flash Point, Explosion Hazards, Fire Explosion, Hazardous

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DecompositionIn Section 9: (Group Field) for Boiling Point, (Group Field) for Melting Point, (Group Field) for Water Solubility, (Group Field) for Specific Gravity, Specific Gravity (Operator), Specific Gravity (From)In Section 12: Environmental DataIn Section 13: Disposal

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