

SAFETY DATA SHEET

Date Prepared : 04/29/2009
MSDS No : BS1013
Date Revised : 11/04/2015
Revision No : 5

Resilience® Chemical Cure Adhesive Catalyst

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Resilience® Chemical Cure Adhesive Catalyst
PRODUCT DESCRIPTION: 6874M74E
PRODUCT CODE: FC-RESI-049; FC-RESI-051
CHEMICAL FAMILY: Aromatic and Aliphatic Dimethacrylates monomers

MANUFACTURER

Ortho Technology, Inc.
 17401 Commerce Park Boulevard
 Tampa, FL 33647
Emergency Phone: 1-800-999-3161
E-Mail: ljohnson@orthotechnology.com

24 HR. EMERGENCY TELEPHONE NUMBERS

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)

2. HAZARDS IDENTIFICATION

GHS LABEL

Causes eye irritation.



Exclamation
mark

SIGNAL WORD: WARNING

HAZARD STATEMENTS

H320: Causes eye irritation.

EMERGENCY OVERVIEW

PHYSICAL APPEARANCE: Off-White Paste with Characteristic Acrylate Odor.

POTENTIAL HEALTH EFFECTS

EYES: Irritation to the eyes

SKIN: Repeated contact with skin may cause reddening and irritation

INGESTION: Possible irritation with ingestion

HEALTH HAZARDS: No Acute or Chronic Hazard.

PHYSICAL HAZARDS: None

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt. %	CAS
Bisphenol "A" Diglycidyl Methacrylate	~ 0 - 100	156-94-2
Silicon Dioxide	~ 0 - 100	7631-86-9

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4. FIRST AID MEASURES

EYES: Flush with copious amounts of water.

SKIN: Wash with soap and water.

INGESTION: Seek medical attention

5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA: Dry Chemical Foam, CO₂, Dry Chemical

EXPLOSION HAZARDS: Material may burn if exposed to flame

FIRE FIGHTING PROCEDURES: None required

FIRE FIGHTING EQUIPMENT: Wear full protective clothing, including helmet, self-contained, positive pressure or pressure demand breathing apparatus

FIRE EXPLOSION: Material may burn if exposed to flame

HAZARDOUS DECOMPOSITION PRODUCTS: Not determined

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILL: Collect spilled materials. Place in closed container.

7. HANDLING AND STORAGE

GENERAL PROCEDURES: Follow instructions for use

HANDLING: To be handled by qualified dental professionals.

STORAGE: Avoid Moisture in unpolymerized state. Do not expose to light.

STORAGE TEMPERATURE: Store at or below room temperature.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Safety glasses; splash goggles recommended.

SKIN: Wear gloves

RESPIRATORY: None required under normal use

PROTECTIVE CLOTHING: Wear lab coat

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Off-white paste

ODOR: Characteristic acrylate odor

FLASHPOINT AND METHOD: No data

AUTOIGNITION TEMPERATURE: No data

BOILING POINT: No data

MELTING POINT: No Data

SOLUBILITY IN WATER: Insoluble

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SPECIFIC GRAVITY: 1.94

10. STABILITY AND REACTIVITY

STABILITY: Stable.

CONDITIONS TO AVOID: High temperatures

POSSIBILITY OF HAZARDOUS REACTIONS: Polymerization may occur in large quantities

HAZARDOUS DECOMPOSITION PRODUCTS: None known.

INCOMPATIBLE MATERIALS: Strong acids, bases, oxidizers. Peroxides.

11. TOXICOLOGICAL INFORMATION

EYE EFFECTS: Mild irritation to the eyes

SKIN EFFECTS: Slight irritation to the skin

COMMENTS: Allergic reaction to methacrylates are possible

12. ECOLOGICAL INFORMATION

ENVIRONMENTAL DATA: Do not discharge into drains or the environment.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Collect spilled material. Place in closed container.

PRODUCT DISPOSAL: Dispose of in accordance with the Federal, State and Local regulations.

14. TRANSPORT INFORMATION

COMMENTS: Not Hazardous Materials or Dangerous Goods per USDOT/IATA/ICAO.

15. REGULATORY INFORMATION

GENERAL COMMENTS: Symbols of Danger : St. Andrew's cross

R-Phrases: 36/38

Irritating to eyes and skin.

S-Phrases: 26 and 28

In case of contact with eyes rinse immediately plenty of water and seek medical advice.

After contact with skin, wash immediately with soap and water.

16. OTHER INFORMATION

REASON FOR ISSUE: New MSDS Format

APPROVED BY: J. Hutchins **TITLE:** QA / RA Director

PREPARED BY: T. Swan **Date Revised:** 11/04/2015

INFORMATION CONTACT: 1-800-999-3161

REVISION SUMMARY: This MSDS replaces the 04/17/2013 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.

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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.