

SAFETY DATA SHEET

Date Prepared : 04/09/2008
 MSDS No : BS1005
 Date Revised : 11/04/2015
 Revision No : 4

Resilience® Catalyst Enamel Bonding Resin

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Resilience® Catalyst Enamel Bonding Resin
PRODUCT DESCRIPTION: 6787M6G8
PRODUCT CODE: FC-RESI-053; FC-RESI-049
CHEMICAL FAMILY: Aromatic and Aliphatic Diemethacrylate Monomers
MOLECULAR FORMULA: Not Available

MANUFACTURER

Ortho Technology, Inc.
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 Tampa, FL 33647
Emergency Phone: 1-800-999-3161
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2. HAZARDS IDENTIFICATION

GHS LABEL

Causes skin and eye irritation.



Exclamation
mark

SIGNAL WORD: WARNING

HAZARD STATEMENTS

H315 + H320: Causes skin and eye irritation.

EMERGENCY OVERVIEW

PHYSICAL APPEARANCE: Filled Resin

POTENTIAL HEALTH EFFECTS

EYES: Irritation to the eyes

SKIN: Repeated contact with skin may cause reddening and irritation

INGESTION: Possible irritation with ingestion

INHALATION: Possible irritation

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt.%	CAS
Bisphenol "A" Diglycidyl Methacrylate	~ 0 - 100	156-94-2
Benzoyl Peroxide	~ 0 - 100	94-36-0

4. FIRST AID MEASURES

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EYES: Flush with copious amounts of water.

SKIN: Wash with soap and water.

INGESTION: Seek medical attention

INHALATION: Remove to fresh air.

5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA: Dry Chemical Foam, CO₂, Alcohol, or Polymer Foam

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

HAZARDOUS DECOMPOSITION PRODUCTS: Not determined

6. ACCIDENTAL RELEASE MEASURES

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

ENVIRONMENTAL PRECAUTIONS

WATER SPILL: May cause adverse environmental impact if material reaches waterways

7. HANDLING AND STORAGE

HANDLING: To be handled by qualified dental professionals.

STORAGE: Store at or below room temperature.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Safety glasses; splash goggles recommended.

SKIN: Wear lab coat and compatible chemical-resistant gloves.

RESPIRATORY: None required under normal use

PROTECTIVE CLOTHING: Wear lab coat

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Filled Resin

ODOR: Resin odor

FLASHPOINT AND METHOD: Not Determined

BOILING POINT: No data

FREEZING POINT: No data

MELTING POINT: No Data

SOLUBILITY IN WATER: Insoluble, Flux alone (inside the Pellets) is water soluble

EVAPORATION RATE: Not Determined

SPECIFIC GRAVITY: 1.1

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10. STABILITY AND REACTIVITY

STABILITY: Stable.

CONDITIONS TO AVOID: High temperatures. Keep away from materials containing tertiary amines

POSSIBILITY OF HAZARDOUS REACTIONS: Polymerization may occur in large quantities

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide and Carbon dioxide

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: Collect spilled material. Place in closed container.

PRODUCT DISPOSAL: Dispose of waste in an appropriate waste disposal facility according to current applicable laws and regulations

14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)

OTHER SHIPPING INFORMATION: None required

15. REGULATORY INFORMATION

GENERAL COMMENTS: R-Phrase:

R21: Harmful in contact with skin

S-Phrase:

S24/25: Avoid contact with skin and eyes.

16. OTHER INFORMATION

REASON FOR ISSUE: New MSDS Format

APPROVED BY: Jodi Hutchnins **TITLE:** Director of Regulatory and Quality Affairs

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

REVISION SUMMARY: This MSDS replaces the 03/11/2014 MSDS. Revised: **Section 1:** APPROVED BY, REASON FOR ISSUE, TITLE. **Section 2:** . **Section 3:** Wt.%.

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