SAFETY DATA SHEET

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

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

<table>
<thead>
<tr>
<th>INGREDIENT(S)</th>
<th>CAS</th>
<th>Wt.%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bisphenol &quot;A&quot; Diglycidyl Methacrylate</td>
<td>156-94-2</td>
<td>~ 0 - 100</td>
</tr>
<tr>
<td>Benzoyl Peroxide</td>
<td>94-36-0</td>
<td>~ 0 - 100</td>
</tr>
</tbody>
</table>

4. FIRST AID MEASURES
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
## 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

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

**MANUFACTURER DISCLAIMER:** To the best of our knowledge, the information contained herein is accurate. 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.