

# SAFETY DATA SHEET

Date Issued: 02/17/2009  
 MSDS No: BS1004  
 Date Revised: 02/17/2009  
 Revision No: 1

## Resilience® Enamel Catalyst Primer

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

**PRODUCT NAME:** Resilience® Enamel Catalyst Primer  
**PRODUCT DESCRIPTION:** Enamel Catalyst Primer  
**PRODUCT CODE:** FC-RESI-012; FC-RESI-027; FC-RESI-048  
**CHEMICAL FAMILY:** Methacrylate  
**MOLECULAR FORMULA:** Not Available  
**GENERIC NAME:** Enamel Catalyst Primer

### 2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS	EINECS
Aromatic and Aliphatic Dimethacrylate Monomers	N/A	N/A
Methacrylate Monomers	80-62-6	201-297-1
Tertiary Amine	N/A	N/A

### 3. HAZARDS IDENTIFICATION

#### EMERGENCY OVERVIEW

**PHYSICAL APPEARANCE:** Straw Colored Resin

#### POTENTIAL HEALTH EFFECTS

**EYES:** Possible Irritant

**SKIN:** Mild to severe irritant

**INHALATION:** Possible Irritant

#### SIGNS AND SYMPTOMS OF OVEREXPOSURE

**SKIN:** Repeated Exposure to Skin may cause irritation and reddening.

#### ROUTES OF ENTRY: Skin - Yes

Inhalation - Possible

Ingestion - Possible

### 4. FIRST AID MEASURES

**EYES:** Flush with copious amounts of water.

**SKIN:** Wash with soap and water.

**INGESTION:** If swallowed, immediately drink a large quantity of milk or water and seek medical attention.

**INHALATION:** Remove to fresh air.

### 5. FIRE FIGHTING MEASURES

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**EXTINGUISHING MEDIA:** Dry Chemical Foam, CO2, Dry Chemical

**EXPLOSION HAZARDS:** NA = Not Applicable

**FIRE FIGHTING EQUIPMENT:** Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

**FIRE EXPLOSION:** Material may burn if exposed to flame. Full water jet not suggested.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Oxides of Carbon.

### 6. ACCIDENTAL RELEASE MEASURES

**SMALL SPILL:** Absorb small spills with a paper towel.

**LARGE SPILL:** Dike large spills with vermiculite or similar absorbent

### 7. HANDLING AND STORAGE

**GENERAL PROCEDURES:** To be handled by qualified dental professionals. Follow instructions for use.

**STORAGE:** Store at or below room temperature. No other precautions.

**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:** Protective gloves recommended

**RESPIRATORY:** None required under normal use

### 9. PHYSICAL AND CHEMICAL PROPERTIES

**FLASHPOINT AND METHOD:** ND = No Data/Not Determined

**FLAMMABLE LIMITS:** ND = No Data/Not Determined

**PHYSICAL STATE:** Straw colored resin

**ODOR:** Characteristic odor.

**COLOR:** Straw colored

**VAPOR PRESSURE:** ND = No Data/Not Determined

**VAPOR DENSITY:** ND = No Data/Not Determined

**BOILING POINT:** ND = No Data/Not Determined

**FREEZING POINT:** ND = No Data/Not Determined

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**MELTING POINT:** ND = No Data/Not Determined

**SOLUBILITY IN WATER:** Insoluble.

**EVAPORATION RATE:** ND = No Data/Not Determined

**DENSITY:** ND = No Data/Not Determined

**SPECIFIC GRAVITY:** (H<sub>2</sub>O = 1): 1.1

### 10. STABILITY AND REACTIVITY

**STABILITY:** Stable.

**POLYMERIZATION:** In large quantities, may occur with heat elevation.

**CONDITIONS TO AVOID:** High temperatures, localized heat sources, freezing and UV light

**POSSIBILITY OF HAZARDOUS REACTIONS:** None

**HAZARDOUS DECOMPOSITION PRODUCTS:** Oxides of Carbon

**INCOMPATIBLE MATERIALS:** Strong oxidizing agents, reducers, free-radical initiators, heavy metal ions and polymerization catalysts.

### 11. TOXICOLOGICAL INFORMATION

#### CARCINOGENICITY

**Notes:** ND = No Data/Not Determined

### 12. ECOLOGICAL INFORMATION

**ENVIRONMENTAL DATA:** May cause adverse environmental impact if material reaches waterways

### 13. DISPOSAL CONSIDERATIONS

**DISPOSAL METHOD:** Dispose of in accordance with Federal, State, and Local Regulations.

### 14. TRANSPORT INFORMATION

**COMMENTS:** None required

### 15. REGULATORY INFORMATION

### 16. OTHER INFORMATION

**REASON FOR ISSUE:** New MSDS Format

