

MATERIAL SAFETY DATA SHEET

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

Resilience® Enamel Catalyst Primer

1. PRODUCT AND COMPANY IDENTIFICATION

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. 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

3. COMPOSITION / INFORMATION ON INGREDIENTS

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

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.

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5. FIRE FIGHTING MEASURES

FLASHPOINT AND METHOD: ND = No Data/Not Determined

FLAMMABLE LIMITS: ND = No Data/Not Determined

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

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

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BOILING POINT: ND = No Data/Not Determined

FREEZING POINT: ND = No Data/Not Determined

MELTING POINT: ND = No Data/Not Determined

FLASHPOINT AND METHOD: ND = No Data/Not Determined

SOLUBILITY IN WATER: Insoluble.

EVAPORATION RATE: ND = No Data/Not Determined

DENSITY: ND = No Data/Not Determined

SPECIFIC GRAVITY: (H₂O = 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

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15. REGULATORY INFORMATION

16. OTHER INFORMATION

REASON FOR ISSUE: New MSDS Format

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

PREPARED BY: T.Swan

REVISION SUMMARY: Revision #: 1. This MSDS replaces the April 25, 2008 MSDS., , , , , , , , , , , Any changes in information are as follows: In Section 1: Approved by, Title, Prepared By, Date PreparedIn Section 2: Potential Health Effects - Eyes, Potential Health Effects - Inhalation, Potential Health Effects - Ingestion, Signs & Symptoms - Eyes, Signs & Symptoms - Ingestion, Signs & Symptoms - Inhalation, Signs & Symptoms - Skin, Signs & Symptoms - Skin Absorption, Routes of EntryIn Section 4: Firstaid - Ingestion, Firstaid - InhalationIn Section 5: Flammable Limit, Flash Point, Fire Explosion, General Hazards, Hazardous DecompositionIn Section 6: Large Spill, Special Protective EquipmentIn Section 7: (Group Field) for Storage Temperature, Handling, Storage, General ProceduresIn Section 8: Engineering Controls, Skin Protection, Work Hygienic Practices, Clothing ProtectionIn Section 9: Odor, (Group Field) for Vapor Pressure, (Group Field) for Vapor Pressure Density, (Group Field) for Boiling Point, (Group Field) for Freezing Point, (Group Field) for Melting Point, (Group Field) for Water Solubility, (Group Field) for Density, (Group Field) for Specific Gravity, (Group Field) for Evaporation RateIn Section 10: Polymerization, Incompatible MaterialsIn Section 11: Eye Effects, Skin Effects, CarcinogenicityIn Section 13: DisposalIn Section 15: General RegulatoryIn Section 16: HMIS Flammability, HMIS Health, NFPA Flammability, NFPA Health, NFPA Reactivity

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