

MATERIAL SAFETY DATA SHEET

Date Issued: 02/25/2009
 MSDS No: BS1006
 Date Revised: 02/25/2009
 Revision No: 1

Resilience® Enamel Bonding Resin Base Liquid

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Resilience® Enamel Bonding Resin Base Liquid
PRODUCT DESCRIPTION: Base Liquid Enamel Bonding Resin
PRODUCT CODE: FC-RESI-049; FC-RESI-052
CHEMICAL FAMILY: Aromatic and Aliphatic Dimethacrylate Monomers

MANUFACTURER

Ortho Technology, Inc.
 17401 Commerce Park Boulevard
 Tampa FL 33647
Product Stewardship: 1-800-999-3161

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

PHYSICAL APPEARANCE: Resin with characteristic odor

SIGNS AND SYMPTOMS OF OVEREXPOSURE

SKIN: Repeated contact with skin may cause reddening and irritation.

CARCINOGENICITY: ND = No Data/Not Determined

MEDICAL CONDITIONS AGGRAVATED: ND = No Data/Not Determined

ROUTES OF ENTRY: Inhalation - ND

Skin - Yes

Ingestion - Yes

HEALTH HAZARDS: Unknown

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS
Aromatic and Aliphatic Dimethacrylate Monomers	N/A
Tertiary Amine	N/A

4. FIRST AID MEASURES

EYES: Flush with copious amounts of water.

SKIN: Wash with soap and water.

INGESTION: 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: Material may burn if exposed to flame

FIRE FIGHTING PROCEDURES: None required

FIRE FIGHTING EQUIPMENT: Wear self-contained breathing apparatus and protective clothing.

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILL: Wipe up spill with cloth or paper towel.

7. HANDLING AND STORAGE

HANDLING: To be handled by qualified dental professionals.

STORAGE: Store at or below room temperature. Avoid Contact with moisture in the unpolymerized state.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Safety glasses; splash goggles recommended.

SKIN: Gloves recommended.

RESPIRATORY: None required

PROTECTIVE CLOTHING: None

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Resin

ODOR: Characteristic odor.

APPEARANCE: Resin with Characteristic Odor.

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

MELTING POINT: ND = No Data/Not Determined

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FLASHPOINT AND METHOD: ND = No Data/Not Determined

SOLUBILITY IN WATER: Insoluble.

EVAPORATION RATE: ND = No Data/Not Determined

SPECIFIC GRAVITY: (H₂O = 1): 1.1

10. STABILITY AND REACTIVITY

STABILITY: Stable.

POLYMERIZATION: May occur

CONDITIONS TO AVOID: Avoid High Temperatures.

HAZARDOUS DECOMPOSITION PRODUCTS: ND = No Data/Not Determined

INCOMPATIBLE MATERIALS: Strong Oxidizing Agents

11. TOXICOLOGICAL INFORMATION

COMMENTS: None Reported

12. ECOLOGICAL INFORMATION

COMMENTS: None Reported.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Dispose of in Accordance with the Federal, State and Local Regulations.

14. TRANSPORT INFORMATION

COMMENTS: None Reported

15. REGULATORY INFORMATION

COMMENTS None Reported

16. OTHER INFORMATION

REASON FOR ISSUE: New MSDS Format

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

PREPARED BY: T. Swan

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REVISION SUMMARY: Revision #: 1. This MSDS replaces the April 30, 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 - Skin, Potential Health Effects - Inhalation, Potential Health Effects - Ingestion, Signs & Symptoms - Eyes, Signs & Symptoms - Ingestion, Medical Conditions Aggravated, Routes of Entry, Health Hazards, CarcinogenicityIn Section 5: Flammable Limit, (Group Field) for Flash Point, Fire Fighting Equipment, Hazardous DecompositionIn Section 6: Small Spill, Water SpillIn Section 7: (Group Field) for Storage Temperature, StorageIn Section 8: Skin Protection, Respiratory Protection, Clothing ProtectionIn Section 9: Physical State Code, Appearance, 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 Specific Gravity, (Group Field) for Evaporation RateIn Section 10: Polymerization, Conditions to Avoid, Hazardous Decomposition Products, Incompatible Materials, Possibility of Hazardous ReactionsIn Section 11: Eye Effects, Skin Effects, CommentsIn Section 12: Environmental Data, CommentsIn Section 13: Product Disposal, DisposalIn Section 14: Other DOT Shipping Information, CommentsIn Section 15: General Regulatory, Comments

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