

Material Safety Data Sheet

Issued: 02/17/2010

Revision Number: 4

1. Identification of Substance /Preparation and Company /Undertaking

Product Name: RESINOMER Base

Manufacturer: Bisco, Inc. 1100 W Irving Park Road, Schaumburg, IL 60193 USA

Telephone: 1-847-534-6000, during normal business hours

Emergency CHEMTREC - 24-Hour Hazmat Emergency Communications Center

Telephone Number: Domestic: 1-800-424-9300 Outside the U.S.: 1-703-527-3887, collect calls accepted

EC Representative: Bisico France, 120, allée de la Coudoulette, 13680 Lançon de Provence, France
Telephone: 33-4-90-42-92-92

2. Composition/Information on Ingredients

Ingredient	Concentration Range (%)	CAS Number	Symbol/Risk Classificaton	OSHA PEL (mg/m3)	ACGIH (mg/m3)	LD50 (mg/kg, rat/oral)
Glass filler.	<50.	65997-18-4.	N/A.	15.	10.	N/D.
Amorphous Silica.	<6.	112945-52-5.	N/A.	20.	10.	>10000.
Bis-GMA	<35.	1565-94-2.	Xi; R36/38, R43.	N/D.	N/D.	N/D
Hydroxyethyl methacrylate.	<20.	868-77-9.	Xi; R43.	125.	127.	>5000.
Sodium Fluoride	<5.	7681-49-4	T; R25 Xi; R36/38,R32.	N/D	N/D	52

3. Hazards Identification

TOXIC. IRRITANT. Refer to Section 16 for specific Risk and Safety phrases.

4. First-aid Measures

Inhalation: Provide fresh air and rest.

Skin Contact: Wash with soap and water.

Eye Contact: Flush with running water for at least 15 minutes while keeping eye lids open; seek medical attention.

Ingestion: Seek medical attention if a substantial amount has been ingested.

5. Fire-fighting Measures

Fire-fighting media: Dry chemical powder, foam or carbon dioxide.

Fire and explosion risks: Upon combustion, irritating gases may form.

6. Accidental Release Measures

Personal Precautions: Prevent skin/eye contact, Provide ventilation.

Environmental Precautions: Avoid ground water contamination.

Methods for Cleaning Up: Wipe with damp paper towels, Discard properly.

7. Handling and Storage

refrigerate when not in use, refrigeration is necessary

8. Exposure Controls /Personal Protection

Eye Protection: Safety glasses and surgical face mask.

Hand Protection: Use protective gloves.

Respiratory Protection: Avoid prolonged breathing of vapors of uncured material.

Skin Protection: Use any necessary hygiene measures.

9. Physical / Chemical Properties

Appearance	Paste	Vapor Pressure @ 20C/68F	N/A
Color	Tooth	Miscibility	N/A
Odor	Acrylic	Vapor Density	N/A
Solubility (H2O, fat)	immiscible	pH	N/A
Boiling Point / Range	N/A	Evaporation Rate	N/A
Melting Point / Range	N/A	Viscosity	N/A
Flash Point	>100F (38C)	Partition Coefficient	N/A
Conductivity	N/A	Autoflammability	N/A
Explosive Properties	N/A	Flammability	N/A
Oxidizing Properties	N/A	Relative Density	N/A

10. Stability and Reactivity

Avoid high temperatures, Refrigerate when not in use.

11. Toxicological Information

Eye Contact: Irritates the eyes.

Skin Contact: May irritate the skin.

Sensitization: May cause allergic reaction on contact with the skin.

Other: N/A.

12. Ecological Information

N/A

13. Disposal Considerations

Refer to any Community provisions relating to waste. In their absence, refer to National or Regional provisions relating to waste.

14. Transport Information

No special precautions.

15. Regulatory Information

Classification: T-Toxic R25 Toxic if swallowed Xi- Irritant, R36 Irritating to eyes., R38 Irritating to skin., R43 May cause sensitization by skin contact.

Safety: S: (1/2-) Keep locked up and out of the reach of children S22 Do not breathe dust S36 Wear suitable protective clothing S45 In case of accident or if you feel unwell, seek medical advice immediately.

16. Other Information

Revision Date: 02/17/2010 Replaces MSDS dated: 10/13/2009
Revision Number: 4 Product: RESINOMER Base

This information is believed to be correct as of the date of this MSDS. The manufacturer makes no representation as to the completeness or accuracy of this information and supplies it on the condition that the person receiving it will make their own determination as to its suitability for their purposes prior to use. In no event will the manufacturer be responsible for damages of any nature whatsoever resulting from the use of or reliance upon the information contained herein.

NOTE: CHEMTREC provides an emergency telephone number in the event of an emergency for leak, fire, exposure or accident involving the hazardous material that is being shipped. All non-emergency inquiries should be directed to Bisco during normal working hours.