

# Material Safety Data Sheet

## RESINOMER Base

### 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 Telephone Number: CHEMTREC - 24-Hour Hazmat Emergency Communications Center  
 Domestic: 1-800-424-9300  
 Outside the U.S.: 1-703-527-3887, collect calls accepted

CE Administrator: Bisico France, B.P. 60, 'L-Opera'-13680 Lancon de Provence  
 Emergency Telephone: (33)490.42.92.92

### 2. Composition/Information on Ingredients

Ingredient	Concentration Range (%)	CAS Number	Symbol/Risk Classification	OSHA PEL (mg/m3)	ACGIH (mg/m3)	LD50 (mg/kg, rat/oral)
Glass filler	40-70	65997-18-4	N/A	15	10	N/D
Amorphous Silica	3-15	112945-52-5	N/A	20	10	>10000
Bisphenol A diglycidylmethacrylate	20-30	1565-94-2	Xi; R36/38, R43	N/D	N/D	N/D
Hydroxyethyl methacrylate	5-15	868-77-9	R43	125	127	>5000
Sodium Fluoride	1-4	7681-49-4	Xi; R36/38, R43	N/D	N/D	N/D
			Xi; R36/38			

### 3. Hazards Identification

Irritates the eyes, May cause allergic reaction on skin, May irritate the skin,

### 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: Drink two glasses of water or milk. Seek medical attention if a substantial amount has been ingested.

**5. Firefighting Measures**

Firefighting 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**

this product is used exclusively for dental purposes by trained personnel; 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: Xi Irritant, R36 Irritating to eyes., R38 Irritating to skin., R43 May cause sensitization by skin contact.,

Safety: Refer to any applicable National laws,

## 16. Other Information

Revision Date: 7/27/2007

Replaces MSDS dated: 11/22/2000

Revision Number: 3

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