

# Material Safety Data Sheet

Issued: 11/29/2010

Revision Number: 2

## 1. Identification of Substance /Preparation and Company /Undertaking

Product Name: ALL-BOND SE

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)
PART I.						
Ethanol.	>50.	64-17-5.	F; R11.	1000ppm.	N/D.	3450.
Sodium Benzene Sulfinat..	>1.	873-55-2.	Xi; R36/37/38-43	N/D.	N/D.	N/D.
PART II.						
Hydroxyethyl Methacrylate.	>20.	868-77-9.	Xi; R43.	N/D.	N/D.	5050.
Bis(glyceryl 1,3 dimethyacrylate) Phosphate.	>20.	168191-79-5.	N/A.	N/D.	N/D.	N/D.
Biphenyl Dimethacrylate	<5.	125086-31-9	Xi; R36/38-43	N/D	N/D	N/D

## 3. Hazards Identification

Flammable: Highly Flammable. Irritant, Irritates the eyes, respiratory system and skin. May cause sensitization by skin contact.

## 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. 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.

Environmental Precautions: Avoid ground water contamination.

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

## 7. Handling and Storage

Avoid high light intensity >10000 lux, this product is used exclusively for dental purposes by trained personnel, Store in ventilated cool dry place (20°C/68°F - 25°C/77°F) if depleted within 60 days. Refrigerate for long term storsg (2°C/36°F - 8°C/39F46°F)

**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	Viscous Liquid	Vapor Pressure @ 20C/68F	<44 mmHg Part I
Color	Yellow	Miscibility	Yes
Odor	Acrylate	Vapor Density	N/A
Solubility (H2O, fat)	Miscible	pH	<3
Boiling Point / Range	>78C/172F Part I	Evaporation Rate	N/A
Melting Point / Range	<0C/32F Part I	Viscosity	N/A
Flash Point	14C/57F Part I	Partition Coefficient	N/A
Conductivity	N/A	Autoflammability	N/A
Explosive Properties	N/A	Flammability	Yes Part I
Oxidizing Properties	N/A	Relative Density	>1

**10. Stability and Reactivity**

Avoid high temperatures.

**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: F Flammable, R11 Highly flammable., Xi Irritant R36 Irritating to eyes., R37 Irritating to respiratory system., R38 Irritating to skin., R43 May cause sensitization by skin contact.

Safety: S2: Keep out of reach of children. S7: Keep container tightly closed. S16: Keep away from sources of ignition .

**16. Other Information**

Revision Date: 11/29/2010 Replaces MSDS dated: 11/20/2009  
Revision Number: 2 Product: ALL-BOND SE

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.