

Material Safety Data Sheet

Issued: 11/09/2012

Revision Number: 4

1. Identification of Substance /Preparation and Company /Undertaking

Product Name: ALL-BOND UNIVERSAL

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)
Ethanol.	>20.	64-17-5.	F; R11.	1000.	1000.	7060.
Bis-GMA.	>20.	1565-94-2.	Xi; R36/38/R43	N/D	N/D	N/D

3. Hazards Identification

Flammable, Irritates the eyes 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.

7. Handling and Storage

Store at (2°C/36°F - 25°C/77°F), This product is used exclusively for dental purposes by trained personnel. Avoid high light intensity >10000 lux

8. Exposure Controls / Personal Protection

Eye Protection:	Use protective eyewear.
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	Liquid	Vapor Pressure @ 20C/68F	N/A
Color	Pale Yellow	Miscibility	N/A
Odor	Slight odor of ethanol	Vapor Density	N/A
Solubility (H2O, fat)	N/A	pH	2.5-3.5
Boiling Point / Range	N/A	Evaporation Rate	N/A
Melting Point / Range	N/A	Viscosity	N/A
Flash Point	N/A	Partition Coefficient	N/A
Conductivity	N/A	Autoflammability	N/A
Explosive Properties	N/A	Flammability	Flammable
Oxidizing Properties	N/A	Relative Density	0.9 - 1.1

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:	Repeated exposure may cause skin dryness or cracking. Vapours may cause drowsiness and dizziness.

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

DOT Regulations:
Hazard Class: 3
Identification Number: UN 1170
Packing Group: II
Proper Shipping Name: Ethyl Alcohol Solution

Land Transport ADR/RID (cross-border):
Hazard Class: 3
Identification Number: UN 1170
Packing Group: II
Proper Shipping Name: Ethyl Alcohol Solution

Maritime Transport IMDG:
Hazard Class: 3
Identification Number: UN 1170
Packing Group: II
Proper Shipping Name: Ethyl Alcohol Solution

Air Transport ICAO-TI and IATA-DGR:
Hazard Class: 3
Identification Number: UN 1170
Packing Group: II

Proper Shipping Name: Ethyl Alcohol Solution

15. Regulatory Information

Classification:	Xi Irritant, F Flammable, R11 Highly flammable R36 Irritating to eyes, R38 Irritating to skin R43 May cause sensitization by skin contact.
Safety:	S(2) 9-16-26, Keep out of reach of children. Keep container in well-ventilated area. Keep away from source of ignition. In case of contact with eyes, Rinse immediately with plenty of water and seek medical advice..

16. Other Information

Revision Date: 11/09/2012	Replaces MSDS dated: 12/22/2011
Revision Number: 4	Product: ALL-BOND UNIVERSAL

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.