

BISCO INC -- ALL-BOND 2 PRE-BOND RESIN -- 6520-01-388-2172

===== Product Identification =====

Product ID:ALL-BOND 2 PRE-BOND RESIN

MSDS Date:08/27/1994

FSC:6520

NIIN:01-388-2172

Kit Part:Y

MSDS Number: CCZDL

=== Responsible Party ===

Company Name:BISCO INC

Address:1500 W THORNDALE AVE

City:ITASCA

State:IL

ZIP:60143

Country:US

Info Phone Num:708-773-6633

Emergency Phone Num:708-773-6633

CAGE:0SPV4

=== Contractor Identification ===

Company Name:BISCO INC

Address:1500 W THORNDALE AVE

Box:City:ITASCA

State:IL

ZIP:60143

Country:US

Phone:708-773-6633

CAGE:0SPV4

Company Name:BISCO INC

Address:1100 W. IRVING PARK RD

Box:UNKNOW

City:SCHAUMBURG

State:IL

ZIP:60193

Country:US

Phone:800-247-3368

CAGE:0WNJ7

===== Composition/Information on Ingredients =====

Ingred Name:2-PROPENOIC ACID, 2-METHYL-, (1-METHYL  
ETHYLIDENE)BIS(4,1-PHENYLENEOXY (2-HYDROXY-3,1-PROPANEDIYL)) ESTER;

(BIS-GMA)  
CAS:1565-94-2  
RTECS #:UD3438000  
Fraction by Wt: 40-70%  
OSHA PEL:N/K  
ACGIH TLV:N/K

Ingred Name:METHACRYLIC ACID, DIESTER WITH TRIETHYLENE GLYCOL;  
(TRIETHYLENE GLYCOL DIMETHACRYLATE). LD50:(ORAL,RAT) >10 G/KG

CAS:109-16-0  
RTECS #:OZ4100000  
Fraction by Wt: 15-40%  
OSHA PEL:N/K  
ACGIH TLV:N/K

Ingred Name:METHACRYLIC ACID, 2-HYDROXYETHYL ESTER; (HEMA).  
LD50:(ORAL,RAT) >5 G/KG

CAS:868-77-9  
RTECS #:OZ4725000  
Fraction by Wt: 3-7%  
OSHA PEL:N/K  
ACGIH TLV:N/K

Ingred Name:BENZOYL  
PEROXIDE (SARA 313). LD50:(ORAL,RAT) >5 G/KG

CAS:94-36-0  
RTECS #:DM8575000  
Fraction by Wt: 1-5%  
OSHA PEL:5 MG/M3  
ACGIH TLV:5 MG/M3

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===== Hazards Identification =====

LD50 LC50 Mixture:SEE INGREDIENTS  
Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:ACUTE:MAY CAUSE EYE IRRITATION AND  
SKIN SENSITIZATION IN SUSCEPTIBLE INDIVIDUALS. SIGNS & SYMPTOMS OF  
EXPOSURE:MAY  
CAUSE SEVERE EYE IRRITATION. TYPICAL ALLERGIC SYMPTOMS  
ON SKIN OF SUSCEPTIBLE INDIVIDUALS.  
Explanation of Carcinogenicity:NOT RELEVANT.  
Effects of Overexposure:SEE HEALTH HAZARDS.  
Medical Cond Aggravated by Exposure:NOT KNOWN.

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===== First Aid Measures =====

First Aid:INGEST:CALL MD IMMEDIATELY . INHAL:REMOVE TO FRESH AIR.  
SUPPORT BREATHING (GIVE O\*2/ARTF RESP) . SKIN:THOROUGHLY WASH SKIN  
WITH SOAP AND WATER. EYES:FLUSH WITH COPIOUS AMOUNTS OF

WATER FOR  
AT LEAST 15 MINUTES, SEE A PHYSICIAN.

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Fire Fighting Measures  
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Flash Point Method:TCC  
Flash Point:>207F,>97C  
Extinguishing Media:CARBON DIOXIDE, DRY CHEMICAL.  
Fire Fighting Procedures:NONE. USE NIOSH APPROVED SCBA & FULL  
PROTECTIVE EQUIPMENT .  
Unusual Fire/Explosion Hazard:NONE.

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Accidental Release Measures  
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Spill Release Procedures:CLEAN UP WITH PAPER TOWELS AND PLACE IN SECURE  
CONTAINER WITH LID.  
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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Handling and Storage  
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Handling and Storage Precautions:AVOID HIGH TEMPERATURES.  
Other Precautions:NONE.

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Exposure Controls/Personal Protection  
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Respiratory Protection:NOT REQUIRED. NIOSH APPROVED RESPIRATOR  
APPROPRIATE FOR EXPOSURE OF CONCERN .  
Ventilation:MECHANICAL (GENERAL):RECOMMENDED.  
Protective Gloves:IMPERVIOUS GLOVES .  
Eye Protection:ANSI APPROVED  
CHEM WORKERS GOGGLES (SUPPLY)  
Other Protective Equipment:ANSI APPROVED EYE WASH & DELUGE SHOWER .  
Work Hygienic Practices:OSHA GOOD LABORATORY PRACTICES.  
Supplemental Safety and Health  
EYE PROTECTION:& FULL LENGTH FACESHIELD .

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Physical/Chemical Properties  
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Boiling Pt:B.P. Text:>282F,>139C  
Spec Gravity:1.1 (H<sub>2</sub>O=1)  
Evaporation Rate & Reference:NOT KNOWN  
Solubility in Water:IMMISCIBLE  
Appearance and Odor:PALE YELLOW CLEAR LIQUID, FAINT ESTER ODOR.

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==== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid: YES  
PEROXIDES, STRONG OXIDIZING AGENTS.  
Stability Condition to Avoid: HIGH TEMPERATURES.  
Hazardous Decomposition Products: CO.

===== Disposal Considerations =====

Waste Disposal Methods: DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE,  
FEDERAL REGULATIONS.

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