

# SAFETY DATA SHEET

## BOND ALL EXTERIOR

### Section 1: PRODUCT AND COMPANY IDENTIFICATION

<b>1.1 Product Name:</b>	Bond All Exterior
<b>Product Form:</b>	Mixture
<b>1.2 Product Use:</b>	Liquid Bonding Agent
<b>1.3 Supplier/Manufacturer:</b>	Umaco, Inc. 60 Rear Newhall Street Lowell, MA 01852 Phone: 978-453-8881
<b>1.4 Emergency Number:</b>	CHEMTREC (800) 424-9300

### Section 2: HAZARDS IDENTIFICATION

<b>2.1 Classification of the Chemical:</b>	
<b>Hazard Class:</b>	Not Classified
<b>2.2 Label Elements:</b>	No Labeling Applicable
<b>2.3 Additional Information:</b>	
<b>Hazards not otherwise classified:</b>	N/A 70% of the mixture consists of ingredient(s) of unknown acute toxicity.

### Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

<b>3.1 Mixtures:</b>			
<b>Ingredient</b>	<b>CAS #</b>	<b>Wt.%</b>	<b>GHS-US Classification</b>
Not applicable	-	-	-

None by OSHA HazCom 2012 criteria.

### Section 4: FIRST AID MEASURES

<b>4.1 Description of First Aid Measures:</b>	
<b>Eye:</b>	In case of contact, immediately flush eyes with plenty of water. Remove contact lenses, if worn. If irritation persists, get medical attention.
<b>Skin:</b>	In case of contact, immediately flush skin with plenty of water. Get medical attention if irritation persists.
<b>Inhalation:</b>	If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical advice/attention if you feel unwell.

<b>Ingestion:</b>	If swallowed, do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical advice/attention.
<b>4.2 Most Important Symptoms &amp; Effects both Acute &amp; Delayed:</b>	
<b>Eye:</b>	May cause eye irritation. Symptoms may include discomfort or pain, excess blinking and tear production, with possible redness and swelling.
<b>Skin:</b>	May cause skin irritation. Symptoms may include redness, drying, defatting and cracking of the skin.
<b>Inhalation:</b>	May cause respiratory tract irritation.
<b>Ingestion:</b>	May be harmful if swallowed. May cause gastrointestinal irritation if ingested.
<b>4.3 Indication of Any Immediate Medical Attention and Special Treatments Needed:</b>	
<b>Note to Physicians:</b>	Symptoms may not appear immediately.
<b>Specific Treatments:</b>	In case of accident or if you feel unwell, seek medical advice immediately (show the label or SDS where possible).

## Section 5: FIRE FIGHTING MEASURES

<b>5.1 Extinguishing Media:</b>	
<b>Suitable Extinguishing Media:</b>	Powder, Water Fog, Foam, Carbon Dioxide
<b>Unsuitable Extinguishing Media:</b>	None known
<b>5.2 Special Hazards Arising From the Chemical:</b>	
<b>Products of Combustion:</b>	May include, and are not limited to: oxides of carbon
<b>5.3 Special Protective Equipment and Precautions for Fire Fighters:</b>	Keep upwind of fire. Wear full firefighting turn-out gear (full Bunker gear) and respiratory protection (SCBA).

## Section 6: ACCIDENTAL RELEASE MEASURES

<b>6.1 Personal Precautions, Protective Equipment and Emergency Procedures:</b>	Use personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel.
<b>6.2 Methods and Materials for Containment/Cleanup:</b>	

<b>Methods for Containment:</b>	Contain and/or absorb spill with inert material (e.g. sand, vermiculite), then place in a suitable container. Do not flush to sewer or allow to enter waterways. Use appropriate Personal Protective Equipment (PPE).
<b>Methods for Cleanup:</b>	Scoop up material and place in a disposal container.

## Section 7: HANDLING AND STORAGE

<b>7.1 Precautions for Safe Handling:</b>	
<b>Handling:</b>	Avoid contact with skin and eyes. Avoid breathing vapor or mist. Do not swallow. Handle and open container with care. When using do not eat, drink, or smoke.
<b>General Hygiene Advice:</b>	Laundry contaminated clothing before reuse. Wash hands before eating, drinking, or smoking.
<b>7.2 Conditions for Safe Storage, Including Any Incompatibilities:</b>	
<b>Storage:</b>	Keep out of the reach of children. Keep container tightly closed and dry. Keep cool. Keep from freezing. Do not store at temperature above 38 °C (100 °F).

## Section 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

<b>8.1 Control Parameters:</b>		
<b>Exposure Guidelines:</b>		
<b>Ingredient</b>	<b>OSHA-PEL</b>	<b>ACGIH-TLV</b>
N/A	N/A	N/A

<b>8.2 Exposure Controls:</b>	
<b>Engineering Controls:</b>	Use ventilation adequate to keep exposures (airborne levels of dust, fume, vapor, etc.) below recommended exposure limits.
<b>8.3 Individual Protective Measures:</b>	
<b>Personal Protective Equipment:</b>	
<b>Eye/Face Protection:</b>	Safety glasses with side shields.
<b>Hand Protection:</b>	Wear chemically resistant protective gloves.
<b>Skin/Body Protection:</b>	Wear suitable protective clothing.
<b>Respiratory Protection :</b>	None necessary under normal conditions of use. A NIOSH approved respirator is recommended in poorly ventilated areas or when permissible exposure limits may be exceeded.

<b>Environmental Exposure Controls:</b>	Maintain levels below community environmental protection thresholds.
<b>Other Information:</b>	Do not eat, smoke or drink where material is handled, processed or stored. Wash hands carefully before eating or smoking. Handle according to established industrial hygiene and safety practices.

## Section 9: PHYSICAL AND CHEMICAL PROPERTIES

<b>9.1 Information on Basic Physical and Chemical Properties:</b>	
<b>Appearance:</b>	N/A
<b>Color:</b>	White
<b>Odor:</b>	Slight, sweet
<b>Odor Threshold:</b>	N/A
<b>Physical State:</b>	Liquid
<b>pH:</b>	4.5 - 6
<b>Viscosity:</b>	N/A
<b>Freezing Point:</b>	~ 0 °C (~ 32°F)
<b>Boiling Point:</b>	>100 °C (>212°F)
<b>Melting Point:</b>	~ 0 °C (~ 32°F)
<b>Flash Point:</b>	>100°C (> 212°F)
<b>Evaporation Rate:</b>	N/A
<b>Flammability:</b>	Not flammable
<b>Lower Flammability Limit:</b>	N/A
<b>Vapor Pressure:</b>	17.5 mm Hg @ 20°C (68°F)
<b>Vapor Density:</b>	N/A
<b>Relative Density:</b>	1.08 - 1.1
<b>Bulk Density:</b>	N/A
<b>Lower Explosion Limit:</b>	N/A
<b>Upper Explosion Limit:</b>	N/A
<b>Solubility :</b>	Miscible
<b>Coefficient of Water/Oil Distribution:</b>	N/A
<b>Auto-ignition Temperature:</b>	N/A
<b>Percent Volatile, wt. %:</b>	N/A
<b>VOC Content, wt. %:</b>	<1 g/l

## Section 10: STABILITY AND REACTIVITY

<b>10.1 Reactivity:</b>	No dangerous reaction known under conditions of normal use.
<b>10.2 Chemical Stability:</b>	Stable under normal conditions.
<b>10.3 Possibility of Hazardous Reactions:</b>	No dangerous reaction known under conditions of normal use.
<b>10.4 Conditions to Avoid:</b>	Heat. Incompatible materials. Keep from freezing.
<b>10.5 Incompatible Materials:</b>	Strong oxidizers. Water reactive materials.
<b>10.6 Hazardous Decomposition Products:</b>	May include, and are not limited to; oxides of carbon.

## Section 11: TOXICOLOGICAL INFORMATION

<b>11.1 Information on Toxicological Effects</b>	
<b>After Eye Contact:</b>	May cause eye irritation. Symptoms may include discomfort or pain, excess blinking and tear production, with possible redness and swelling.
<b>After Skin Contact:</b>	May cause skin irritation. Symptoms may include redness, drying, defatting and cracking of the skin.
<b>After Ingestion:</b>	May be harmful if swallowed. May cause gastrointestinal irritation if ingested.
<b>After Inhalation:</b>	May cause respiratory tract irritation.
<b>Acute Toxicity:</b>	Not classified.

<b>Ingredient</b>	<b>ATE (oral)</b>	<b>ATE (dermal)</b>	<b>ATE (inhalation)</b>
Mixture	N/A	N/A	N/A

### 11.2 Delayed, Immediate and Chronic Effects of Short and Long Term Exposure:

<b>Skin Corrosion/Irritation:</b>	N/A
<b>Serious Eye Damage/Irritation:</b>	N/A
<b>Respiratory Sensitization:</b>	N/A
<b>Skin Sensitization:</b>	N/A
<b>STOT-Single Exposure:</b>	N/A
<b>Chronic Health Effects:</b>	N/A
<b>Carcinogenicity:</b>	N/A
<b>Germ Cell Mutagenicity:</b>	N/A
<b>STOT-Repeated Exposure:</b>	N/A
<b>Aspiration Hazard:</b>	N/A
<b>Toxicologically Synergistic Materials:</b>	N/A
<b>Other Information:</b>	N/A

## Section 12: ECOLOGICAL INFORMATION

<b>12.1 Ecotoxicity:</b>	May cause long term adverse effects in the aquatic environment.
<b>12.2 Persistence and Degradability:</b>	N/A
<b>12.3 Bioaccumulative Potential</b>	
<b>Bioaccumulation:</b>	N/A
<b>12.4 Mobility in Soil:</b>	N/A
<b>12.5 Other Adverse Effects:</b>	N/A

## Section 13: DISPOSAL CONSIDERATION

<b>13.1 Waste Treatment Methods:</b>	
<b>Disposal Method:</b>	This material must be disposed of in accordance with local, state, provincial, and federal regulations.
<b>Other disposal recommendations:</b>	N/A

## Section 14: TRANSPORTATION INFORMATION

<b>14.1 UN Number:</b>	Not Regulated
<b>14.2 UN Proper Shipping Name:</b>	Not Applicable
<b>14.3 Transport Hazard Class (ES):</b>	Not Applicable
<b>14.4 Packing Group:</b>	Not Applicable
<b>14.5 Environmental Hazards:</b>	Not Applicable
<b>14.6 Special Precautions for User:</b>	Do not handle until all safety precautions have been read and understood

## Section 15: REGULATORY INFORMATION

### 15.1 Safety, Health and Environmental Regulations/Legislations Specific for the Chemical:

<b>US FEDERAL REGULATIONS:</b>	N/A
<b>US STATE REGULATIONS:</b>	This product contains chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

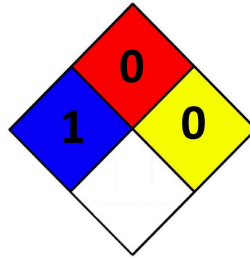
**NFPA: National Fire Protection Association:**

Health: 1

Fire: 0

Reactivity: 0

<b>Hazard Rating:</b>				
0 = minimal	1 = slight	2 = moderate	3 = severe	4 = extreme



Blue = Health	Red = Flammability	Yellow = Reactivity	White = Special
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Source Agency Carcinogen Classifications	
<b>IARC (I)</b>	<p><b>International Agency for Research on Cancer.</b>                      1 - The agent (mixture) is carcinogenic to humans.                      2A - The agent (mixture) is probably carcinogenic to humans.                      2B - The agent (mixture) is possibly carcinogenic to humans.                      3 - The agent (mixture, exposure circumstance) is not classifiable as to its carcinogenicity to humans.                      4 - The agent (mixture, exposure circumstance) is probably not carcinogenic to humans.</p>
<b>NTP (N)</b>	<p><b>National Toxicology Program.</b>                      1 - Evidence of Carcinogenicity                      2 - Known Human Carcinogens                      3 - Reasonably anticipated to be Human Carcinogens                      4 - Substances delisted from report on Carcinogens                      5 - Twelfth Report: items under construction</p>

## Section 16: OTHER INFORMATION

<b>Date of Preparation:</b>	July 1, 2015
<b>Version:</b>	1.0
<b>Revision Date:</b>	July 1, 2015
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