

# MATERIAL SAFETY DATA SHEET

## BOND ALL EXTERIOR

### 1. CHEMICAL PRODUCT AND COMPANY INFORMATION

Umaco Inc.  
60 Rear Newhall Street  
Lowell, Ma. 01852

PRODUCT NAME: BOND ALL EXTERIOR

GENERAL ID : AN EXTERIOR GRADE BONDING  
AGENT FOR USE WITH CEMENT  
& GYPSUM BASED MIXES

Emergency Phone (Chemtrec) 1-800-424-9300  
Informational Phone (Umaco) 1-978-453-8881  
Date prepared 2/3/06

### 2. HAZARDOUS INGREDIENTS/ IDENTITY- SECTION 313 SUPPLIER NOTIFICATION- THIS PRODUCT CONTAINS THE FOLLOWING TOXIC CHEMICALS SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF THE EMERGENCY PLANNING AND COMMUNITY RIGHT-TO-KNOW ACT OF 1986 AND OF 40CFR 372

Non-Hazardous

Hazardous Components	Osha/Pel	Acgih	Other	%
CAS #	Ingredient	TLV	Limits	
None	Ethylene Vinyl Acetate Copolymer			52
7732-18-5	Water			48

### 3. HEALTH HAZARDS IDENTIFICATION (ACUTE & CHRONIC)

Routes of entry: Inhalation: yes Skin: yes Ingestion: yes

Health Hazards (Acute and Chronic):

**Acute:** Unlikely to cause harmful effects under recommended conditions of handling and use.

**Chronic:** There are no other known chronic effects associated with this material.

**Ingestion:** May cause irritation of the gastrointestinal tract. **Inhalation:** Vapors may cause irritation to the respiratory tract. **Skin and Eyes:** Repeated contact may result in mild irritation to the skin. Contact with the eyes may cause slight or mild irritation.

Carcinogenicity: NTP: no IARC MONOGRAPHS: no OSHA REGULATED: no

Signs and Symptoms of Exposure: Irritation to the eyes and upper respiratory system

Medical Conditions Generally Aggravated by Exposure: None Known

### 4. EMERGENCY FIRST AID PROCEDURES

**Eyes:** Flush with clean water for 15 minutes. If irritation persists **Seek immediate medical attention**

**Skin:** Wash skin with soap and water. If irritation persists **Seek immediate medical attention.**

**Inhalation:** Move victim to fresh air. **Seek immediate medical attention.**

**Ingestion:** Treat symptomatically and supportively. If conscious, drink plenty of water. Do not attempt to give anything by mouth to an unconscious person. Should vomiting occur be sure to keep victim's head below the hips to prevent aspiration of vomit into the lungs. **Seek immediate medical attention.**

### 5. FIRE FIGHTING MEASURES

Flash point n/a

Flammable Limits LEL n/a

Method Used n/a

UEL n/a

**Extinguishing Media:** Use water fog , dry extinguishing media, carbon dioxide or foam

**Special Fire Fighting Procedures:** Firefighters should be equipped with self-contained breathing apparatus to protect against potentially toxic and irritating fumes.

**Unusual Fire and Explosion Hazards:** This is a water based product and presents no particular fire or explosion hazard. Dry polymer film will burn. Product contains low level of organic volatiles which may be emitted at elevated temperatures.

**HAZARDOUS COMBUSTION PRODUCTS:** Carbon monoxide, carbon dioxide, unknown hydrocarbons

This is a water based product and presents no particular fire or explosion hazard.

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## 6. ACCIDENTAL RELEASE MEASURES

Spills should be contained, solidified (with sand, speedy-dry, etc.). Sweep up and shovel into waste drums. Wash the spillage area with water. Washings must be prevented from entering surface water drains, sewers or public waterways.

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## 7. HANDLING AND STORAGE:

Store in a tightly closed container. Do not allow to freeze. Protect from extreme temperatures. Product contains low level of organic volatiles which could accumulate in the un-vented headspace of drums. Open drums in a well ventilated area. Avoid breathing vapors.

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## 8. EXPOSURE CONTROLS & PERSONAL PROTECTION

**Respiratory Protection:** None usually needed, however if vapor or mist levels are irritating use only NIOSH or MSHA approved respirators

**Protective Gloves:** The use of chemical resistant gloves are recommended

**Eye Protection:** Safety glasses with side shields

**Hygienic / Work Practices:** Wash hands thoroughly before eating or smoking. Wash contaminated clothes before re-use.

**Ventilation:** Local exhaust if needed

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## 9. PHYSICAL & CHEMICAL PROPERTIES

**Boiling point** > 212 Deg F    **Vapor Pressure (mmHG)** n.e.    **Vapor Density (Air=1)** >1.0

**Melting Point** N/A    **Evaporation Rate (Water = 1)** 1    **Solubility in Water** Miscible    **Freezing Point:** 32 Deg F

**Appearance and Odor** White liquid Slight odor

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## 10. STABILITY & REACTIVITY

**Stability:**    Unstable    Stable X    **Hazardous Polymerization:**    May Occur    May Not Occur    X

**Conditions to Avoid:** Protect from temperatures below 40 Deg F. Do not allow to freeze.

**Incompatibility:** Strong oxidizers, materials that react with water

**Hazardous Decomposition:** n. e.

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## 11. TOXICOLOGICAL INFORMATION

See sections 2 and 3 for specific toxicological information for ingredients of this product. This material has no harmful effect on the environment.

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## 12. ECOLOGICAL INFORMATION

**MOBILITY:**    Ingress to waterways may cause persistent milky turbidity

**POTENTIAL TO BIOACCUMULATE:**    Unknown

**AQUATIC TOXICITY:**    None Established

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## 13. DISPOSAL CONSIDERATIONS

In accordance to latest Federal, State and local disposal regulations

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## 14. TRANSPORTATION INFORMATION

Not regulated

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## 15. REGULATIONS

This MSDS has been prepared in accordance with the Federal OSHA Hazard Communication Standard 29CFR 1910.120

This product is manufactured in compliance with all provisions of the Toxic Substances Control Act, 15 U.S.C. 2601 et. Seq.

Contains no substances at or above the reporting threshold under Section 313.

### CALIFORNIA PROPOSITION 65

**WARNING:** This product contains the following chemicals that are known to the state of California to cause cancer, birth defects or other reproductive harm. **UNLESS** a concentration is specified in Section 2 of the MSDS, the below chemical/s are present in **trace amounts**.

COMPONENT	CAS NUMBER
Formaldehyde	50-00-0

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## 16. OTHER INFORMATION / SAFETY PHRASES

**KEEP OUT OF THE REACH OF CHILDREN.**

**DO NOT ALLOW TO FREEZE.**

**Read all instructions before using this product.**

**Use NIOSH or MSHA approved respirators if vapor or mist levels are irritating.**

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