



Material Safety Data Sheet
 Professional Coatings, Inc.
 100 Commerce Park Drive
 Cabot, AR 72023

Date of Preparation: January 1, 2006
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HMIS
 Health 2
 Flammability 1
 Reactivity 0

SECTION 1. CHEMICAL PRODUCT IDENTIFICATION

MSDS NO: BOND-

Generic Description: Alkoxysilane
 Physical Form: Liquid
 Formula: The specific chemical identity of the ingredients is considered a trade secret.
 Color: Colorless to pale yellow
 Odor: Aromatic Odor
 NFPA Profile: Health Flammability 1 Reactivity 0

Note: NFPA= National Fire Protection Association

SECTION 2. OSHA HAZARDOUS COMPONENTS

<u>CAS NO.</u>	<u>WT%</u>	<u>COMPONENT</u>	<u>EXPOSURE LIMITS</u>
000067561	< 1	Methyl alcohol	OSHA PEL (final rule) and ACGIH TLV-skin: TWA 200 ppm, STEL 250 PPM.
Proprietary	90-98	Alkoxysilane	TWA 5 ppm, STEL 10 PPM. Also see methyl alcohol comments.

Information concerning other non-hazardous ingredients is considered a trade secret.

Comments: Methyl alcohol forms on contact with water or humid air. Provide adequate ventilation to control exposures within guidelines of OSHA PEL: TWA 200 ppm and ACGIH TLV-skin: TWA 200 ppm, STEL ppm.

SECTION 3. EFFECTS OF OVEREXPOSURE

Acute Effects

Eye: Direct contact irritates slightly with redness and swelling.
 Skin: Repeated or prolonged contact may cause defatting of the skin leading to Dermatitis.
 Inhalation: Product generates methyl alcohol, which cause blindness and damage to nervous system.
 Oral: Product generates methyl alcohol, which may cause blindness and possibly death if swallowed.

Repeated Exposure Effects

Skin: Not Known.
 Inhalation: Product generates methyl alcohol, which causes blindness and damage to nervous system.

Oral: Product generates methyl alcohol, which may cause blindness and possibly death if swallowed.

Special Hazards

This material contains the following components with the special hazards listed below.

Carcinogens: None Known
Teratogen: None Known
Mutagen: None Known
Sensitizes: None Known

Comments: When heated to temperature above 150 degrees C in the presence of air can form formaldehyde vapors. Formaldehyde is a potential cancer hazard, a known skin and respiratory sensitizer; and an irritant to the eyes, nose, throat, skin, and digestive system. Safe handling conditions may be maintained by keeping vapor concentrations within the OSHA Permissible Exposure Limit for formaldehyde.

SECTION 4. FIRST AID MEASURES

Eye: Immediately flush with water for 15 minutes.
Skin: Remove from skin and wash thoroughly with soap and water or water less cleanser. Get medical attention if irritation or other ill effects develop or persist.
Inhalation: Remove to fresh air. Get medical attention if ill effects persist.
Oral: Get medical attention. If conscious, induce vomiting. Lie down, keep warm, and cover eyes to exclude light.
Comments: Treat same as methyl alcohol poisoning.

SECTION 5. FIRE FIGHTING MEASURES

Flash Point (Closed Cup): <213.98 DEGREE F/101.10 DEGREE C
Autoignition Temperature: Not Determined
Flammability Limits in Air: Not Determined
Extinguishing Media: Water. Water fog (or spray). Carbon dioxide (CO2).
Dry chemical. Foam.
Unsuitable Extinguishing Media: None
Fire Fighting Procedures: Self-contained breathing apparatus and protective clothing should be worn in fighting fire-involving chemicals.
Unusual Fire Hazards: None

Hazardous Decomposition Products:

Thermal breakdown of this product during fire or high heat conditions may evolve the following hazardous decomposition products; Silicon dioxide. Carbon oxides and traces of incompletely burned carbon compounds. Formaldehyde.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Containment/Clean-up: Disposal of collected product, residues, and cleanup materials may be governmentally regulated. Observe all applicable local, state, and federal waste management regulations. Mop up, or wipe up, or soak up with absorbent and contain for salvage. For nonsilicones, use typical industrial cleaning material being used. For large spills, provide diking or other appropriate containment to keep material from spreading. Observe all personal protection equipment recommendations described in section 5 and 8. Local, state, and federal reporting requirements may apply to spills or releases of this material into the environment. See applicable regulatory compliance information in Section 15.

Note: See Section 8 for Personal Protective Equipment for Spills.

SECTION 7. HANDLING AND STORAGE

Handling: No special precaution.
Storage: Keep container closed and store away from water or moisture.

SECTION 8. EXPOSURE CONTROL/PERSONAL PROTECTION

Engineering Controls

Local exhaust: Recommended
General Ventilation: Recommended

Personal Protective Equipment For Routine Handling

Eyes: Use proper protection-safety glasses as a minimum.
Skin: Washing at mealtime and end of shift is adequate.
Suitable Gloves: No special protection needed.
Inhalation: Use respiratory unless adequate local exhaust ventilation is provided or air-sampling data show exposures are within recommended exposures guidelines. Industrial Hygiene Personnel can assist in judging the adequacy of existing engineering controls.
Suitable Respirator: Self-contained breathing apparatus (SCBA) or other supplied-air respirator.

Personal Protective Equipment For Spills

Eye: Use full-face respirator.
Skin: Washing at mealtime and end of shift is adequate.
Inhalation/Suitable Respirator: Use self-contained breathing apparatus (SCBA) or other supplied-air respirator.
Precautionary Measures: Avoid eye contact. Avoid breathing vapor. Keep container closed. Do not take internally.
Comments: Product evolves methyl alcohol when exposed to water or humid air. Provide ventilation during use to control exposure within Section 2 guidelines or use air-supplied or self-contained breathing apparatus.

Note: These precautions are for room temperature handling. Use at elevated temperature, or aerosol/spray application, may require added precautions.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical form: Liquid
Color: Colorless to pale yellow
Odor: Aromatic odor
Specific Gravity @ 25C: 1.07
Viscosity: 3.00 CST
Freezing/Melting Point: Not Applicable
Boiling Point: Not Available
Vapor Pressure @ 25C: Not Determined
Vapor Density: Not Determined
Solubility in Water: None
pH: Not Applicable
Volatile contact: Not Determined

Note: The above information is not intended for use in preparing product specifications.

SECTION 10. STABILITY AND REACTIVITY

Chemical Stability: Stable
Hazardous Polymerization: Hazardous polymerization will not occur.
Conditions to Avoid: None
Material to Avoid: Oxidizing material can cause a reaction.
Comments: Water, moisture, or humid air-hazardous vapors form as described in Section 2.

SECTION 11. TOXICOLOGICAL INFORMATION

Optional Section - Complete information not yet available.

SECTION 12. ECOLOGICAL INFORMATION

Optional Section - Complete information not yet available.

SECTION 13 DISPOSAL CONSIDERATIONS

Optional Section - Complete information not yet available.

SECTION 14. TRANSPORT INFORMATION

Proper Shipping Name: Not Available
Hazard Technical Name: Not Available
Hazard Class: Not Available
UN/NA Number: Not Available
Packing Group: Not Available

SECTION 15. REGULATORY INFORMATION

Contents of this MSDS comply with OSHA Hazard Communication Standard 29CFR 1910. 1200
TSCA Status: All chemical substances found in this product comply with the Toxic Substances Control Act inventory reporting requirements.

EPA SARA Title III Chemical Listings

None

Section 304 CERCLA Hazardous Substances:

000067561 < 1 Methyl alcohol

Section 312 Hazard Class

Acute: Y
Chronic: Y
Fire: N
Pressure: N
Reactive: N
Y=Yes N=No

Section 313 Toxic Chemicals:

000067561 Methyl Alcohol

Supplemental State Compliance Information

<u>CAS NUMBER</u>	<u>Wt%</u>	<u>COMPONENT</u>
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California

Warning: This product contains the following chemical(s) listed by the State of California under the Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65) as being known to cause birth defects or other reproductive harm.

None Known.

Massachusetts

00067561	< 1	Methyl alcohol
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New Jersey

Proprietary	90-98	Alkoxysilane
000067561	< 1	Methyl alcohol; #1222

Pennsylvania

Proprietary	90-98	Alkoxysilane
000067561	< 1	Methyl alcohol

FOR YOUR PROTECTION

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