

SAFETY DATA SHEET

Product Name: Epic Bond Promoter

SECTION 1 – PRODUCT AND COMPANY IDENTIFICATION

Manufacturer Company Name: Ultra Durable Technologies, Inc.
1415 5th St N
St. Cloud, MN 56303

Emergency Phone Numbers: (320) 258-2266, (800) 722-2998, (612) 919-6075

Distribution Company Name: Same as above

Product Name: Epic Bond Promoter

SECTION 2 – HAZARDS IDENTIFICATION

Classifications:

Health: Category 3
Flammability: Category 4
Reactivity: Category 5

Hazard Pictogram:



Signal Words:

Warning

Hazard Statements:

H303: May be harmful if swallowed.
H315: Causes skin irritation.
H333: May be harmful if inhaled.

Precautionary statements:

Prevention:

P233: Keep container tightly closed.
P241: Use only outdoors or in a well-ventilated area.
P261: Avoid breathing dust/fumes/gas/mist/vapors/spray
P262: Do not get in eyes, on skin, or on clothing.

Response:

P301: If swallowed get medical attention, if conscious induce vomiting.
P302: If on skin remove from skin and wash thoroughly with soap and water less cleanser.
P304: If inhaled remove to fresh air.
P305: If in eyes immediately flush with water for 15 minutes.
P314: Get medical advice/ attention if you feel unwell.

Storage:

P404: Store in a closed container.

Disposal:

P501: Dispose of contents/container to an approved waste disposal plant.

SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS

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

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, damage to nervous system 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.

<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.
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Also see methyl alcohol comments.

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 – FIREFIGHTING 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

SECTION 6 – ENVIRONMENTAL 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 non-silicones, 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 CONTROLS/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 temperatures, or aerosol/spray applications, 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:	Not Determined
pH:	Not Applicable
Volatile content:	Not Determined

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.

Water, moisture, or humid air-hazardous vapors form as described in Section 2.

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 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:

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.**

<u>CAS NUMBER</u>	<u>Wt%</u>	<u>COMPONENT</u>
Massachusetts		
00067561	< 1	Methyl alcohol
New Jersey		
Proprietary	90-98%	Alkoxysilane
000067561	< 1	Methyl alcohol; #1222
Pennsylvania		
Proprietary	90-98%	Alkoxysilane
000067561	< 1	Methyl alcohol

SECTION 16 – OTHER INFORMATION

The information and recommendations in this publication are, to the best of our knowledge, reliable. Suggestions made concerning uses or applications are only the opinion of Ultra Durable Technologies. Users should make their own tests to determine the suitability of these products for their own particular purposes. However, because of numerous factors affecting results, ULTRA DURABLE TECHNOLOGIES MAKES NO WARRANTIES OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING THOSE OF MERCHANT ABILITY AND FITNESS FOR PURPOSE, other than that the material conforms to its applicable current Standard Specifications. Statements herein, therefore, should not be construed as representations or warranties. The responsibility of Ultra Durable Technologies for claims arising out of reach of warranty, negligence, strict liability, or otherwise is limited to the purchase price of the material. Statements concerning the use of the products of formulations described herein are not to be construed as recommending the infringement of any patent and no liability for infringement arising out of any such use is assumed. Standard Specifications, although current at the time of publication, are subject to change without notice. For the latest Standard Specification contact our nearest sales office.

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