

Provided by: ETERNABOND, INC.  
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*This form is designed to meet the requirements of the U.S. Labor Department OSHA form no 174.*

**Section I: Product & Company Identification**

Product: **ETERNABOND ETERNACLEAN SPRAY**  
 24 Hour Emergency Assistance – Infotrac (800)-535-5053

**Section II: Composition/Information on Ingredients**

<b>Component</b>	<b>CAS Number</b>	<b>% by Weight</b>
Acetone	67-64-1	45-55
Toluene	108-88-3	25-35
Methanol	67-56-1	10-20
Carbon dioxide	124-38-9	5-10

**Section III: Hazards Identification**

**Emergency Overview**

Appearance & Odor: Clear, water-white liquid.

**Danger:** Extremely flammable. Vapor harmful. Harmful or fatal if swallowed. May be fatal or cause blindness if swallowed. Eye and skin irritant. Contents under pressure.

**Potential Health Effects:**

- Eye: Moderate eye irritant. Exposure can cause irritation including stinging, tearing, redness, blurred vision, and swelling of the eyes.
- Skin: Moderate skin irritant. Prolonged or repeated contact may dry the skin. Symptoms may include redness, burning, drying and cracking of the skin, and skin burns. Passage of this material into the body through the skin is possible, but it is unlikely that this would result in harmful effects during safe handling and use.
- Inhalation: Breathing large amounts of this material may be harmful. Symptoms include irritation of the nose and throat and central nervous system excitation (giddiness), followed by CNS depression (dizziness, drowsiness, weakness, headache, nausea, unconsciousness.)
- Ingestion: Swallowing small amounts is not likely to cause harmful effects. May cause stomach or intestinal upset. Swallowing larger amounts may be harmful as this material may be aspirated into the lungs during swallowing or vomiting. This results in lung inflammation and other lung injury.
- Chronic Effects: Overexposure to methanol may lead to visual impairment.
- Target Organs: Liver, kidneys, blood, central nervous system, eyes.
- Medical Conditions
- Aggravated by Exposure: Skin sensitivities, lung conditions, central nervous system conditions.

**Section IV: First Aid Measures**

Eye Contact: Immediately flush with plenty of water for 15 minutes. Call a physician if irritation persists.  
 Skin Contact: Remove contaminated clothing and wash affected area with soap and water. Call a physician if irritation persists. Wash contaminated clothing prior to re-use.  
 Inhalation: Remove person to fresh air. Keep person calm. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call a physician.  
 Ingestion: Seek medical attention. Do not induce vomiting unless instructed by a medical personnel. Have victim drink a glass of water if conscience.  
 Note to Physicians: This material is an aspiration hazard. This material (or a component) has produced hyperglycemia and ketosis, following substantial ingestion. Inhalation of high concentrations of this material may be associated with cardiac arrhythmias. Sympathomimetic drugs may initiate cardiac arrhythmias in persons exposed to this material. This product contains methanol. The metabolites of methanol can cause metabolic acidosis, visual disturbances and blindness.

**Section V: Fire-Fighting Measures**

Flammable Properties: This product is extremely flammable in accordance with aerosol flammability definitions (16 CFR 1500.3(c)(6) ).  
 Flashpoint: < 0°F Method: TCC LEL: 2.6 UEL: 12.8  
 Autoignition Temperature: 725 F  
 Suitable Extinguishing Media: Dry chemical, carbon dioxide, alcohol-resistant foam, class B extinguishers.  
 Products of Combustion: Oxides of carbon.  
 Protection of Fire-Fighters: Fire-fighters should wear self-contained, NIOSH-approved breathing apparatus for protection against suffocation and possible toxic decomposition products. Vapors are heavier than air and will accumulate near the ground. Proper eye and skin protection should be provided. Use water spray to keep fire-exposed containers cool and to knock down vapors which may result from product decomposition.

**Section VI: Accidental Release Measures**

Personal Precautions: Use personal protection recommendation in Section 8.  
 Environmental Precautions: Take precautions to prevent contamination of ground and surface waters. Do not flush into sewers or storm drains.  
 Methods for Containment  
 7 Clean-up: Eliminate sources of ignition. Dike area to contain spill. Ventilate the area with fresh air. If in a confined space or limited air circulation area, clean-up workers should wear appropriate respiratory protection. Recover or absorb spilled material using an absorbent designed for chemical spills. Place used absorbents into proper waste containers.

**Section VII: Handling and Storage**

Handling Procedures: Do not use near potential sources of ignition. Do not use on energized equipment. Use with adequate ventilation. Avoid contact with skin and eyes. Avoid inhaling vapors.  
 Storage Procedures: Store in a cool dry area out of direct sunlight. Aerosol cans must be maintained below 120 F to prevent cans from rupturing.  
 Aerosol Level: III

**Section VIII: Exposure Controls/Personal Protection**

Exposure Guidelines:

OSHA		ACGIH			OTHER		
COMPONENT	TWA	STEL	TWA	STEL	TWA	SOURCE	UNIT
Acetone	1000	NE	500	750	NE		ppm
Toluene	200	300(c)	20	NE	NE		ppm
Methanol	200	NE	200	250(s)	NE		ppm
Carbon dioxide	5000	30000(v)	5000	30000	NE		ppm

NE – Not Established (c) – ceiling (s) – skin (v) – vacated

**Engineering Controls:** Area should have ventilation to provide fresh air. Local exhaust ventilation is generally preferred because it can control the emissions of the contaminant at the source, preventing dispersion into the general work area. Use mechanical means if necessary to maintain vapor levels below the exposure guidelines. If working in a confined space, follow applicable OSHA regulations.

**Respiratory:** None required for normal work where adequate ventilation is provided. If engineering controls are not feasible or if exposure exceeds the applicable exposure limits, use a NIOSH-approved cartridge respirator with organic vapor cartridge. Use a self-contained breathing apparatus in confined spaces and for emergencies.

**Eye/Face Protection:** For normal conditions, wear safety glasses. Where there is a reasonable probability of liquid contact, wear splash-proof goggles.

**Skin Protection:** Use protective gloves such as nitrile, PVA, or neoprene. Also, use full protective clothing if there is a prolonged or repeated contact of liquid with skin.

**Section IX: Physical & Chemical Properties**

Physical State: liquid  
 Color: clear  
 Odor: solvent  
 Specific Gravity: 0.814  
 Initial Boiling Point: 132F  
 Freezing Point: ND  
 Vapor Pressure: ND  
 Vapor Density: >1 (air = 1)  
 Evaporation Rate: >1 (butyl acetate = 1)  
 Solubility: slightly soluble in water  
 pH: NA  
 Volatile Organic Compounds wt %: 43.8      g/L: 356.5      lbs./gal: 2.97

**Section X: Stability and Reactivity**

**Stability:** Stable  
**Conditions to Avoid:** Sources of ignition; temperature extremes  
**Incompatible Materials:** Acids, alkalis, reducing agents, strong oxidizing agents, hypochlorites, peroxides, reactive metals such as aluminum and magnesium, sodium, zinc  
**Hazardous Decomposition Products:** Oxides of carbon, various hydrocarbons  
**Possibility of Hazardous Reactions:** No

**Section XI: Toxicological Information**

Long-term toxicological studies have not been conducted for this product. The following information is available for components of this product.

Acute Effects:

Component	Test	Result	Route	Species
Acetone	LD50	5800 mg/kg	Oral	Rat
Acetone	LD50	16,000 ppm/4H	Inhalation	Rat
Acetone	LD50	20,000 mg/kg	Dermal	Rabbit
Methanol	LD50	5045 mg/kg	Oral	Rat
Methanol	LD50	12,800 mg/kg	Dermal	Rabbit

Chronic Effects:

Carcinogenicity:	Component Result
OSHA:	None listed
IARC:	None listed
NTP:	None listed
Mutagenicity:	No information available

**Section XII: Ecological Information**

Ecological studies have not been conducted for this product. The following information is available for components of this product.

Ecotoxicity:	Acetone – 48H LC50 Daphnia: 10 mg/l
Persistence/Degradability:	No information available
Bioaccumulation/Accumulation:	No information available
Mobility in Environment:	No information available

**Section XIII: Disposal Considerations**

Disposal: The dispensed liquid product is a RCRA hazardous waste for the characteristic of ignitability with the following potential waste code(s): D001, F003, F005 (See 40 CFR Part 261.20 – 261.33). Aerosol containers should be fully emptied and depressurized before disposal. All disposal activities must comply with federal, state, and local regulations. Local regulations may be more stringent than state or national requirements.

**Section XIV: Transportation Information**

Proper shipping description:  
 US DOT (ground): Consumer Commodity, ORM-D  
 Special Provisions: None

<b>Section XV: Regulatory Information</b>
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**U.S. Federal**Toxic Substances Control Act (TSCA)

All ingredients are either listed on the TSCA inventory or are exempt.

Comprehensive Environmental Response, Compensation and Liability Act (CERCLA)

Reportable Quantities (RQ's) exist for the following ingredients:

Acetone (5000 lbs), Toluene (1000 lbs), Methonal (5000 lbs)

Spills or releases resulting in the loss of any ingredient at or above its RQ require immediate notification to the National Response Center (800-424-8802) and to you Local Emergency Planning Committee.

Superfund Amendments Reauthorization Act (SARA) Title III:

Section 302 Extremely Hazardous Substances (EHS): None

Section 311/312 Hazardous Categories: Fire Hazard Yes

Reactive Hazard: No

Release of Pressure: Yes

Acute Health Hazard: Yes

Chronic Health Hazard: No

Section 313 Toxic Chemicals

This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372:

Toluene(<30%), Methonal (<20%)

Clean Air Act

Section 112 Hazardous Air Pollutants (HAPs): Toluene, Methonal

**State Regulations**California Safe Drinking Water and Toxic Enforcement Act (Prop 65)

This product may contain the following chemicals known to the state of California to cause cancer, birth defects or other reproductive harm: Toluene

State Right to Know:

New Jersey: 67-64-1, 108-88-3, 67-56-1, 124-3

Pennsylvania: 67-64-1, 108-88-3, 67-56-1, 124-3

Massachusetts: 67-64-1, 108-88-3, 67-56-1, 124-3

Rhode Island: 67-64-1, 108-88-3, 67-56-1, 124-3

**Additional Regulatory Information**

None

NFPA: Health: 2 Flammability: 3 Reactivity: 0

HMIS: Health: 2 Flammability: 3 Reactivity: 0

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The information contained in this document applies to this specific material as supplied. It may not be valid for this material if it is used in combination with any other materials. This information is accurate to the best of CRC Industries' knowledge or obtained from sources believed by CRC to be accurate. Before using any product, read all warnings and directions on the label.

CAS: Chemical Abstract Service

ppm: Parts per Million

TCC: Tag Closed Cup

LEL: Lower Explosive Limit

UEL: Upper Explosive Limit

PPE: Personal Protection Equipment

COC: Cleveland Closed Cup

TWA: Time Weighted Average

ACGIH: American Conference of Gov. Ind. Hygienists

NIOSH: National Institute of Occupational Safety & Health

NA: Not Applicable

ND: Not Determined

NE: Not Established

g/L: grams per Liter

lbs./gal: pounds per gallon

RQ: Reportable Quantity

PMCC: Pensky-Martens Closed Cup

OSHA: Occupational Safety and Health Admin.

STEL: Short Term Exposure Limit