



## Section 7: Handling and Storage

Handling:	No smoking Prevent static discharges Exposure by inhalation or skin contact should be minimized by good industrial hygiene Vapor is heavier than air, spreads along the ground. Vapor can form an explosive mixture in air, prevalent in empty unclean vessels Use non-sparking utensils when handling this material
Storage:	Keep containers tightly closed when not in use. Store in a cool, dry place, away from heat and all types of light. Eliminate possible point ignition sources, e.g. No smoking, Naked flames, static discharges Use flame proof electrical equipment.
Special precautions	Open containers slowly on a stable surface. Keep container tightly closed when not in use. Empty containers may contain residual amounts of this product; therefore, empty containers should be handle with care

## Section 8: Exposure Controls / Personal Protection

Engineering Controls	When working with large quantities of product, provide adequate ventilation. Ensure that an eyewash station, sink or washbasin is available in case of exposure to eyes.
<b>Personal Protective Equipment</b> General:	No special body protection is required under typical circumstances of use and handling. If necessary refer to appropriate standards of Canada, The E.C members states, or U.S. OSHA.
Eye / Face Protection:	Depending on the use of this product , splash or safety glasses may be worn.
Skin Protection:	If anticipated that prolonged and repeated skin contact will occur during use of this product, wear latex or gloves for routine industrial use.
Respiratory Protection:	No special respiratory protection is required under typical circumstances of use or handling. If necessary, use respiratory protection.

## Section 9: Physical and Chemical Properties

Appearance	Odor & Odor Threshold	pH	Specific Gravity	Viscosity	Vapor Density	
viscous liquid, various colors	characteristic acrylate odor	NA	(H20=1): 0.97 - 1.10	N/DA	Heavier than air	
Boiling Point/Freezing Point	Decomposition Temperature	Octanol/Water Partitioning Coefficient Log Po/w	Vapor Pressure:	Evaporation Rate	Ignition	Solubility In Water (20°C)
Undefined	N/A	N/A	N/A	No Data	No Data	Insoluble
Flash Point ( °F/ °C)	Flammable Limit (vol%)	Auto-ignition Temperature (vol%)				
24°F / -4°C Estimated	No Data	No Data				

## Section 10: Stability and Reactivity

<b>Stability:</b> Stable under ambient conditions when stored properly.	<b>Incapability (Material to Avoid):</b> Polymerization initiators including peroxides, strong oxidizing agents, copper, copper alloys, carbon steel, iron, rust and strong bases.
<b>Hazardous Decomposition Products:</b> If expose to extremely high temperatures, the product of thermal decomposition may include irritating vapors and carbon oxide gases. ( e.g. CO. CO2)	<b>Hazardous Polymerization:</b> May occur, if exposed to extremely high temperatures.
<b>Conditions to Avoid:</b> This product is incompatible with strong oxidizers, strong acids, or strong bases.	

## Section 11: Toxicological Information

This product has NOT been tested on animals to obtain toxicology data. There are toxicology data for the components of the product, which are found in scientific literature. This data has not been represented in this document

Acute Oral Toxicity	Acute Dermal Toxicity	Acute Inhalation Toxicity	Irritation - skin/eyes
No info available	No info available	No info available	No info available

Further hazardous properties cannot be excluded. The product should be handled with care when dealing with chemicals.

Suspected Carcinogen	Mutagenicity	Sub-chronic Toxicity
No info available	This product is not reported to produce mutagenic effects in humans	No info available

## Section 12: Ecological Information

### Ecotoxicological Information

Acute Toxicity to aquatic life	Acute Toxicity to plants and animals	Acute Toxicity to Algae	Bioconcentration	Toxicity to Sewage Bacteria
No Information Available	No Information Available	No Information Available	No Information Available	No Information Available

### Environmental Stability:

The components of this product will slowly degrade over time into a variety of organic compounds. Specific environmental data available for the components of this product are as follows

<b>Ethyl Acetate:</b>	Koc= 0.73. Water Solubility: 64,000 mg/l. Bioconcentration Factor= 4-14. Bioconcentration is not anticipated to be significant. This compound can be removed from contaminated environments from volatilization, and biodegradation. This compound's half-life in water is 6.1 hours.
<b>Butyl Acetate:</b>	Koc= 1.8. Water Solubility: 120 Parts H2O at 25°C (77°F). Bioconcentration Factor= 4-14. Bioconcentration is not anticipated to be significant. This compound can be removed from contaminated environments from volatilization, and biodegradation. This compound's half-life in water is 6.1 hours.
<b>Isopropyl Alcohol:</b>	Low Kow= 0.05-0.14. Isopropyl alcohol occurs naturally; it is generated during microbial degradation of plant and animal wastes. When released on land or water, it is apt to volatilize and biodegrade. The estimated half-life in water is 5.4 days, Isopropyl alcohol is not expected to bioconcentrate.
<b>Chemical Fate Information</b>	
<b>Biodegradability</b>	No Information Available
<b>Chemical Oxygen Demand</b>	No Information Available

To the best of our knowledge, the ecotoxicological and chemical fate properties have not been thoroughly investigated.  
Do not allow to enter drinking water supplies, wastewater, or soil.

### Section 13: Disposal Considerations

Waste disposal must be in accordance with appropriate Federal, State and local regulations.

### Section 14: Transport Information

#### DOT (49 CFR -GND)

Excepted Quantity ( 49 CFR -173.4a) (≤ 30 ml)  
Consumer Commodity, ORM-D (≤ 1.0 L)  
UN1263 Paint ,3,II (>1.0 L)

#### IATA (AIR):

Excepted Quantity ( Air Shipper 4.1.2) (≤ 30 ml)  
Consumer Commodity, 9, ID8000 ( ≤ 0.5 L)  
UN1263 Paint ,3,II (> 0.5 L)

#### IMDG (OCN):

Excepted Quantity (2008 IMO -3.5.1) (≤ 30 ml)  
UN1263 Paint ,3,II LTD QTY(≤ 1.0 L)  
UN1263 Paint ,3,II (> 1.0 L)

#### TDGR (Canadian GND):

Mark Package "Limited Quantity" or "Quantite Limitee" or "LTD QTY" or "Quant Ltee" (≤ 1.0 L)  
UN1263, Paint related material, 3, II, (>1.0 L)

#### ADR/RID (EU):

UN 1263, Paint Related Material,3,II,ADR

#### MEXICO (SCT):

UN1263, Pintura,3,II, Cantidad Limitada (≤ 1.0 L)

#### ADGR(AUS):

UN1263, Paint, 3, II LTD QTY (≤ 1.0L)

### Section 15: Regulatory Information

#### US Federal Regulations

Clean Air Act: HAP/ODS	This product contains the following hazardous air pollutants (HAP), as defined by the U.S. Clean Air Act: • NONE This product does not contain any Class I or Class 2 ODS
Clean Water Act: Priority Pollutant	This product contains the following Hazardous Substances as defined by the CWA: • NONE This product does not contain any substances that are a Priority Pollutant or Toxic Pollutant under the CWA
FDA:	This product complies with the appropriated sections of the Food and Drug Administration's 21 CFR subchapter G ( Cosmetics)
SARA Reporting Requirements:	SARA 304 (40 CFR Table 302.4)- Butyl Acetate, Ethyl Acetate
SARA Threshold Planning Quantity:	There are no specific Threshold Planning Quantities for the components of this product.
TSCA Inventory Status:	This product contains chemicals listed on the TSCA inventory
CERCLA Reportable Quantity (RQ):	Butyl Acetate: 5000 lbs.; Ethyl Acetate: 5000 lbs.

#### State Regulations:

Ingredients in this mixture are found on the following state criteria list:

CA Right-to-Know Law:	Ethyl Acetate, Butyl Acetate, Isopropyl Alcohol
Delaware Air Quality Management List	Ethyl Acetate, Butyl Acetate, Nitrocellulose
Massachusetts Hazardous Substances List	Ethyl Acetate, Butyl Acetate, Nitrocellulose, Isopropyl Alcohol
Minnesota Hazardous Substances List	Ethyl Acetate, Butyl Acetate, Isopropyl Alcohol
NJ Right-to-Know Law:	Isopropyl Alcohol
New York List of Hazardous Substances	Ethyl Acetate, Butyl Acetate
PA Right-to-Know Law:	Ethyl Acetate, Butyl Acetate, Isopropyl Alcohol
Washington Permissible Exposure Limits for Air Contaminants	Ethyl Acetate, Butyl Acetate, Isopropyl Alcohol
Wisconsin Hazardous Substances List	Ethyl Acetate

#### International Regulations:

Canadian Regulations:  
Ethyl Acetate CAS# 141-78-6 is on the DSL list.WHMIS= B2,D2B  
Butyl Acetate CAS # 123-86-4 is on the list. WHMIS + B2, D1B, D2B  
This product has been classify according to the hazard criteria of the CPR and the MSDS contains all of the information required by the CPR. The components of this product are listed on the DSL/NDSL.  
None of the components of this product are listed on the Priorities substances List. Class B Flammable Liquid.

**Section 16: Other Information**

**67/548/EU Requirements:**

European Community:

The primary component of this product is listed in Annex I of the EU Directive 67/548/EEC



**EU Classes and Risk / Safety Phrases :**

• **HAZARDOUS SYMBOLS:**

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Xi - Irritants

F - Highly Flammable

• **RISK PHRASES:**

R11 Highly Flammable

R36 Irritating to eyes

R66 Repeated exposure may cause skin dryness or cracking

R67 Vapors may cause drowsiness and dizziness

• **SAFETY PHRASES:**

S2 Keep out of reach of children

S7 Keep container tightly closed

S16 Keep away from sources of ignition-No Smoking.

S24/25 Avoid contact with skin and eyes

S25 Avoid contact with eyes

S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice

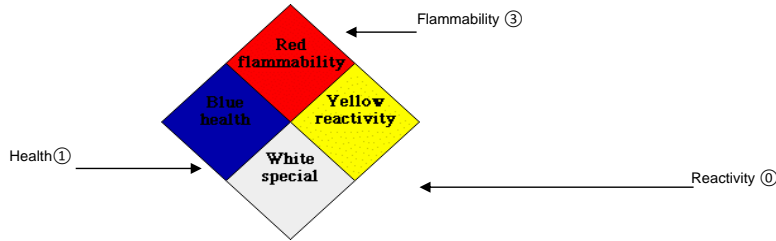
S33 Take precautionary measures against static discharges

S37/39 Wear suitable gloves and eye/face protection

**Hazard Rating System (Pictograms)**

NFPA:

HMS:



HEALTH	<input type="checkbox"/>
FLAMMABILITY	<input type="checkbox"/>
REACTIVITY	<input type="checkbox"/>
PERSONAL PROTECTION	<input type="checkbox"/>

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