



# MATERIAL SAFETY DATA SHEET

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Ingestion of excessive quantities may cause irritation of the digestive tract. Sign of nervous system depression (e.g., drowsiness, dizziness, loss of coordination, and fatigue.)

## Health Hazards (Acute and Chronic)

No ingredient present in this product is identified as a carcinogen or probable carcinogen by NTP, IARC, or OSHA. Reports have associated repeated and prolonged occupational over exposure to solvent present on this product with permanent brain and nervous system damage (sometimes referred to as a solvent or painter's syndrome). Intentional misuse by deliberately concentrating and inhaling this product may be harmful or fatal.

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## Section 4. First Aid Measures

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### Emergency and First Aid Procedures

**Inhalation:** In case of irritation by vapor, remove from exposure, treat symptomatically, and get medical attention if symptoms persist.

**Eyes:** Any material that contacts the eye should be washed out immediately and medical attention obtained if symptoms persist.

**Skin:** Wash with soap and plenty of water.

**Ingestion:** Call a physician or poison control center immediately. Induce vomiting as directed by medical personnel.

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## Section 5. Fire Fighting Measures

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**Flash Point (°F/°C):** 24°F (-4.44°C) (TCC)

**Flammable Limit (vol%):** Lower: 1.2  
Upper: 12.7

**Auto-ignition Temp. (vol%):** None Established

**Extinguisher Media:** Water is the most effective fire extinguishing medium for Nitrocellulose. It is recommended to be used in a large volume. Dry chemical, CO<sub>2</sub> or a universal type foam could be used to extinguish small fires.

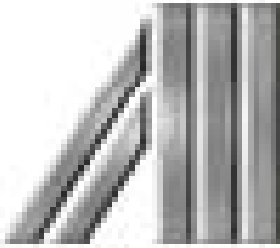
**Special Fire Fighting Procedures:** Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes. Use water spray to keep fire-exposed containers cool.

**Unusual Fire and Explosion Hazards:** Material is flammable. Vapors may travel considerable distance to a source of ignition and flash back. Keep away from heat, sparks, and flame. Keep container closed. Use with adequate ventilation.

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## Section 6. Accidental Release Measures

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**Spill or Release Procedures:** Highway or railway spills call chemtrec (800( 424-9300 cont. U.S. Collect (202) 483-7616 from Alaska and Hawaii.

Stay upwind and away from spill. Keep all sources of ignition and hot metal surfaces away from spill. Keep out of drains, sewers, or waterways. Use sand or other inert material to dam and contain spill. Do not flush with water; use absorbent pads. For large spills call response team and notify appropriate state/local agencies. Immediately notify the National Response Center (phone number: 800-424-880; in case if the spill is in excess of EPA reportable quantity.

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## **Section 7. Handling and Storage**

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**Handling & Storing:** In accordance with good industrial practice avoid unnecessary personal contact. Wash face and hands before eating, drinking, or smoking. Store in original container, away from excessive heat and keep in a dry area.

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## **Section 8. Exposure Controls / Personal Protective Equipment**

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### **For Manufacturing Use Only:**

- Ventilation:** The ventilation system should be designed to be able to maintain airbourne concentrations below the established exposure limits. If the current ventilation is not adequate to maintain this level, additional ventilation or exhaust systems may be required. Use explosion proof equipment.
- Protective Gloves:** The use of gloves impermeable to the specific material is advised to prevent skin contact and possible irritation.
- Eye Protection:** Safety glasses with side shields (or goggles) are recommended for any type of industrial chemical handling.
- Respiratory Protection:** When vapor concentration exceed the established exposure limits respiratory protection is necessary. Depending on the airbourne concentration, use a respirator or a gas mask with appropriate cartridges and canisters (NIOSH approved organic vapor) or supplied air equipment.
- Other Protective Clothing or Equipment:** The use of gloves impermeable to the specific material is advised to prevent skin contact and possible irritation. Use splash goggles (NIOSH approved) to safeguard against potential eye contact, irritation or injury.

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**Preventative Measures:** Keep containers and storage containers closed when not in use. Do not store near heat, sparks, flame, or strong oxidents. While transferring this material the containers used in this process has to be effectively grounded (ultimately to an earth ground) to prevent fire or explosion risk from static accumulation in accordance with the National Fire Protection Association standard for petroleum products.

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### Section 9. Physical and Chemical Properties

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<b>Appearance @ 25°C:</b>	Transparent viscous liquid	<b>Viscosity (RVT):</b>	Not applicable
<b>Odor @ 25°C:</b>	Sweet Ester Odor	<b>Vapor Pressure:</b>	Not Available
<b>pH</b>	Not applicable	<b>Vapor Density:</b>	Not Available
<b>Specific Gravity:</b>	7.634 lb/gl	<b>Material V.O.C.:</b>	.53 lb/gl
<b>Ignition:</b>	Not applicable		
<b>Melting Point:</b>	Not applicable		
<b>Boiling Range:</b>	117°F - 228°F		
<b>Solubility in Water</b>	Partial		

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### Section 10. Stability and Reactivity

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**Stability:** Stable

**Hazardous Decomposition or Byproducts:**

Thermal decomposition in the presence of air may yeild carbon monoxide, carbon dioxide, and nitorgen oxide. Under some conditions, methane, irritating aldehydes and carboxylic acids and hydrogen cyanide may be formed.

**Incompatibility (Materials to Avoid):**

This product is incompatible with strong acids or bases and oxidizers.

**Hazardous Polymerization:**

Will not occur

**Conditions to Avoid:** Flames, electric spark, static, and heat.

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### Section 11. Toxicological Information

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Results of component toxicity test performed:

No data

Human experience:

No data

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### Section 12. Ecological Information

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Ecological Information:

No data

Chemical Fate Information:

No data

### Section 13. Disposable Considerations

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Dispose of product in accordance with local, county, state, and federal regulations.

### Section 14. Transportation Information

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#### <DOT Information>

Proper Shipping Name:	Paint
DOT Hazard Class:	3, Flammable Liquid
Packaging Group:	II
UN ID Number	1263

Air	CLASS 9/ ID8000
Ocean	CLASS 3/ UN1263

### Section 15. Regulatory Information

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Data Available Upon Request.

### Section 16. Other Information

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No additional information available.