

# MATERIAL SAFETY DATA SHEET

## Section 5. Fire Fighting Measures

Magnitude: Applicable Extinguisher Type

Small Fire: Carbon Dioxide, foam or dry chemical extinguishers.

Large Fire: Water or foam extinguishers, water fog.

Note: In all cases keep nearby containers cool by spraying with water. Keep away from heat and sources of ignition.

## Section 6. Accidental Release Measures

Personal Precautions: Use suitable protective clothing/equipment. Eliminate all sources of ignition. No smoking.

Method for clean up: Contain spillage with earth or sand. Mop up small spill. Sweep up, use sand or earth to absorb spill for larger spillages.

Environmental Precautions: Do not allow to enter water courses or drains. Dispose in accordance with local regulation. Local authorities should be advised if significant spillages cannot be contained.

## Section 7. Handling and Storage

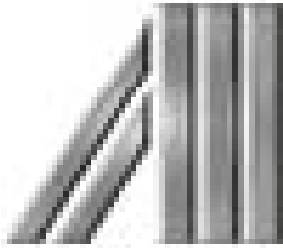
Storage: Keep containers tightly closed, cool, dry, and away from sources of ignition, label containers. Eliminate possible point ignition sources, e.g. No smoking, naked flames, static discharges. Use flame proof electrical equipment.

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.

## Section 8. Exposure Controls / Personal Protective Equipment

### Exposure Levels

Substance	8 hr TWA	15 min TWA
	ppm	ppm
Butyl Acetate (**)	150	200
Toluene *(**)	50	150
Isopropyl Alcohol *(**)	200	400



# **MATERIAL SAFETY DATA SHEET**

---

Ventilation and extraction of appropriate design is necessary to meet the above levels.

## Personal Protection

Chemical goggles should be worn.  
Impervious gloves and overalls should also be worn.  
An approved respirator

## HMIS Rating

Hazard Rating: (0 = least, 1 = slight, 2 = moderate, 3 = serious, 4 = severe)

Health: 2 Fire: 3 Reactivity: 1 PP:G

---

## **Section 9. Physical and Chemical Properties**

---

Appearance @ 25°C: Clear Liquid  
Physical State >60°C: Clear Liquid  
Color: Colorless  
Odor: Characteristic  
Boiling/melting Point: Undefined  
Flash Point: 4°C or 24°F  
Upper/lower explosion limits: Undefined  
Water Solubility: Insoluble  
Vapor Density: Heavier than air  
Specific Gravity: 0.908

---

## **Section 10. Stability and Reactivity**

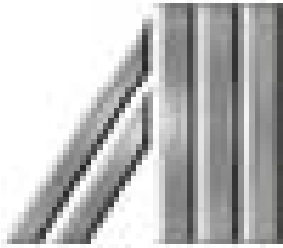
---

Stability: Stable under recommended storage conditions, affected by U.V., store away from direct sunlight.

Hazardous Decomposition Products:  
Combustion of nitrocellulose may evolve nitrous oxid (poisonous) fumes. CO, CO<sub>2</sub>, Nitrous Oxides, Smoke

Incompatibility (Materials to Avoid):  
Strong oxidizing agents. Acids, alkalines, and peroxides

Hazardous Polymerization:  
Will not occur.



# **MATERIAL SAFETY DATA SHEET**

---

Conditions to Avoid: Flame, Electric Spark, static and heat. Do not store @ temperature over 120°

---

## **Section 11. Toxicological Information**

---

Toxicity: -LD 50 Rat: - Undefined

Organic solvents in the product may lead to removal of lipid soluble elements of the skin leading to non-allergic dermatitis upon repeated prolonged contact. Vapor from solvents may cause: ill effects to the renal system; central nervous system problems; irritation to the respiratory tracts and other various mucosal membranes.

---

## **Section 12. Ecological Information**

---

Product should not be allowed to enter drains or water courses. Used in large volumes, this product may incur the requirements of the Environmental Protection Act (pollution control/air).

---

## **Section 13. Disposable Considerations**

---

Dispose of product in accordance with local, country, state, and federal government Regulations.

---

## **Section 14. Transportation Information**

---

Proper Shipping Name: Paint  
Technical Name: Nitrocellulose Lacquer  
U.N. number: 1263  
DOT Hazard Class: 3 (Flammable Liquid)  
Packing Group: II  
Flash Point: 4°C or 24°F TCC (Tag Closed Cup)  
ADR: Class 3; F1

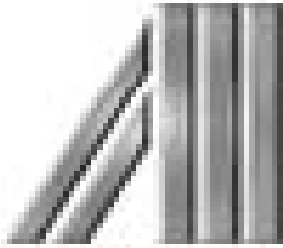
---

## **Section 15. Regulatory Information**

---

United States Federal Regulations  
SARA: See Section 2 for reportable material  
SARA Title III: See section 2  
CERCLA: See section 2  
TSCA: Components in this product have been verified as being on the TSCA Inventory and have been classified in accordance with the hazard criteria of the CFR and all information required.

State Regulations:



## **MATERIAL SAFETY DATA SHEET**

---

Proposition 65: WARNING! This product contains Toluene a chemical known to the State of California to cause birth defects or other reproductive harm.

EU Risk Phrases: R10 Flammable  
R11 Highly Flammable  
R20 Harmful by inhalation  
R21 Harmful in contact with skin  
R22 Harmful if swallowed  
R36 Irritating to eyes  
R37 Irritating to respiratory system  
R38 Irritating to skin  
R41 Risk of serious damage to eyes  
R43 May cause sensitization by skin contact  
R65 Repeated exposure may cause skin dryness or cracking  
R67 Vapors may cause drowsiness and dizziness

EU Safety Phrases: S16 Keep away from sources of ignition - No Smoking  
S23 Do not breathe vapor  
S25 Avoid contact with eyes  
S29 Do not empty drains  
S33 Take precautionary measures against

Hazard Symbols: Xn: - Harmful  
Xi - Irritant  
F - Highly Flammable

Note: The appropriate Risk Phrases and Hazard Symbols pertaining to this product are listed in section 2.

---

### **Section 16. Other Information**

---

Additional information available upon request.











