

# MATERIAL SAFETY DATA SHEET

**Skin Contact:** Wash off propriety remover, wash affected area with soap and water.

**Inhalation:** Remove casualty to fresh air. Seek medical attention.

**Ingestion:** Do not induce vomiting. Seek immediate medical attention.

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## Section 5. Fire Fighting Measures

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**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.

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## Section 6. Accidental Release Measures

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

**Methods of Cleaning 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.

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## Section 7. Handling and Storage

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**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, 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.

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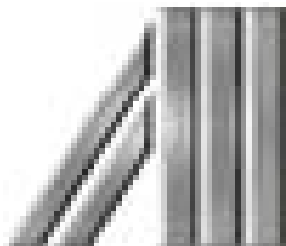
## Section 8. Exposure Controls / Personal Protective Equipment

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### Exposure Levels

OSHA - PEL

ACGIH - TLV



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<u>Substance</u>	<u>TWA</u>	<u>TWA</u>
Ethyl Acetate(**)	400 ppm	400 ppm
Butyl Acetate (**)	150 ppm	150 ppm
Nitrocellulose	Not established	Not established
Isopropyl Alcohol *(**)	400 ppm	200 ppm
Triphenyl Phosphate	< 1	< 1
Propyl Acetate	200 ppm	200 ppm
n-Butyl Alcohol *(**)	100 ppm	20 ppm

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 should be worn if the maximum exposure levels above are surpassed.

**HMIS Rating**                    ( 0 = least,    1 = slight,    2 = moderate,    3 = serious,    4 = severe)

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

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## Section 9. Physical and Chemical Properties

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Physical State @ 20°C: Liquid  
 Odor: Characteristic  
 Boiling/melting Point: Undefined  
 Flash Point: 4C or 24F Method: TCC (Tag Cloed Cup)  
 Upper/lower explosion limits: Undefined  
 Water solubility: Insoluble  
 Vapor Density: Heavier than air  
 Specific Gravity: 0.970 - 1.100

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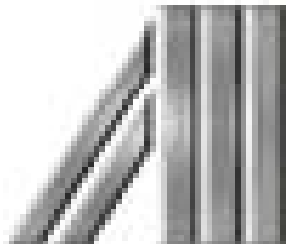
## Section 10. Stability and Reactivity

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**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, CO2, Nitrous Oxides, Smoke

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



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Hazardous Polymerization:

Will not occur.

Conditions to Avoid: Flame, electric spark, static and heat. Do not store @ temperature over 120

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## **Section 11. Toxicological Information**

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Toxicity: LD50 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.

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## **Section 12. Ecological Information**

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Products 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).

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## **Section 13. Disposable Considerations**

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Dispose off in accordance with all applicable Federal, State, provincial and local regulations.

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## **Section 14. Transportation Information**

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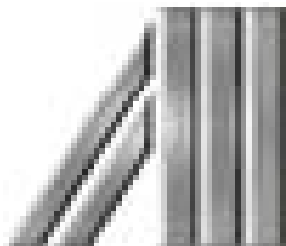
Proper Shipping Name: Paint  
Technical Name: Nitrocellulose  
U.N. number: 1263  
DOT Hazard Class: 3 (Flammable Liquid)  
Packing Group: II  
Flash Point: 4C or 24F TCC (Tag Closed Cup)  
ADR: Class 3; F1  
Marine Pollutant: Yes (Triphenyl Phosphate)

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## **Section 15. Regulatory Information**

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United States Federal Regulations:  
SARA: See section 2 for reportable material  
SARA Title III: See section 2  
CERCLA: See section 2



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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:

Proposition 65:           None

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  
R50 Very toxic to aquatic organisms  
R53 may cause longterm adverse effects in the aquatic environment  
R65 Harmful: may cause lung damage if swallowed  
R66: 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 into drains  
S33: Take precautionary measures against

Hazard Symbols:

Xn - Harmful  
Xi - Irritant  
F - Highly Flammable

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

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Additional information available upon request.