



MATERIAL SAFETY DATA SHEET

PRODUCT NAME: HARDWOOD PRESERVATION FINISH
SATIN CW033

SECTION 1: PRODUCT INFORMATION

MANUFACTURER:

Hydro-Force Manufacturing
4282 S 590 W
Salt Lake City, UT 84123
Telephone: 801-261-1282
Prepared 7/16/2010

EMERGENCIES: (800) 535-5053 (Infotrac)

Hazard Rating (Zero=Insignificant 1= Slight 2= Moderate 3= High 4= Extreme)

Fire: 0 Health: 1 Reactivity: 0

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

<u>HAZARDOUS INGREDIENTS:</u>	<u>TLV</u>	<u>OSHA PEL</u>
N-methyl pyrrolidone (CAS # 872-50-4)	N/E	N/E

SECTION 3: HAZARDS IDENTIFICATION

Immediate Health Effects

Eye Contact: May cause temporary eye irritation; injury to eye tissue unlikely.

Skin Contact: Frequent or prolonged contact may cause temporary irritation. Skin contact may aggravate an existing dermatitis condition.

Inhalation: May cause slight temporary irritation.

Ingestion: No known significant effects or critical hazards.

Primary Routes of Entry: Eyes, skin contact/absorption, inhalation or ingestion.

Signs and Symptoms of Overexposure:

Irritation to the eyes, nose, throat, or respiratory tract.

Target Organ Effects:

May cause respiratory tract, eye & skin irritation.

Contains material at small levels which may cause damage to blood, kidneys, liver & skin.

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Carcinogenicity:

Carcinogenic Effects: None by OSHA standard.

Mutagenic effects: None by OSHA standard.

Tertaogenic effects: Classified POSSIBLE for human [n-methyl pyrrolidone].

Long term effects: No data available.

SECTION 4: FIRST AID MEASURES

Eyes: Flush eyes with water for 15 minutes. If irritation persists, call a physician.

Skin: Flush skin with plenty of water for 15 minutes. If irritation persists, call a physician.

Remove contaminated clothing and wash before reuse.

Ingestion: Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical attention if symptoms appear.

Inhalation: If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen and get medical attention immediately.

SECTION 5: FIRE FIGHTING MEASURES

Flash Point: Non flammable

ExtinguishingMedia: CO2, dry chemical or foam

Special Fire Fighting Procedures: Respiratory equipment recommended

Unusual Fire and Explosion Hazards: If exposed to high temperatures can emit carbon monoxide, carbon dioxide, smoke and nitrogenous oxides.

SECTION 6: ACCIDENTAL RELEASE MEASURES

For small spills add absorbent and scoop up material and place in a sealed, liquid proof container for disposal.

SECTION 7: HANDLING AND STORAGE

Store in a cool, well ventilated place. Keep container closed while stored. Follow all MSDS/label warnings even after container is emptied since emptied containers retain product residues. Do no allow to freeze.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Eye Protection: Wear safety glasses.

Skin Protection: Wear impervious gloves.

Respiratory Protection: Good general ventilation should be sufficient to control airborne levels. Wear appropriate respirator when ventilation is inadequate.

Engineering Controls: Provide sufficient mechanical ventilation to maintain exposure below the level of overexposure.

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SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Odor: Mild

Physical State: Liquid.

Appearance: Clear, colorless

pH: 7.8

Specific Gravity: 1.00

Boiling Point: N/E

Freezing/Melting Point: N/E

Vapor Pressure: N/E

Vapor Density: N/E

Solubility in Water: Complete

SECTION 10: STABILITY AND REACTIVITY

Stability: Stable.

Conditions to Avoid: Temperatures below 32 degrees and above 120 degrees.

Incompatibility: Slightly reactive with oxidizing agents, reducing agents, acids, and alkalis.

Hazardous Reaction Products: Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.

Hazardous Polymerization: Will not occur.

SECTION 11: TOXICOLOGICAL INFORMATION

N-methyl pyrrolidone

LD50 3914 mg/kg Oral Rat

LD50 8000 mg/kg Dermal Rabbit

LC50 >400 ppm (4 hour(s)) Inhalation Rat

SECTION 12: ECOLOGICAL INFORMATION

No data available.

SECTION 13: DISPOSAL CONSIDERATIONS

Do not dispose of on the land, in surface waters, or in storm drains. Small spills and waste may be flushed into a waste treatment sewer where local regulations permit. Larger quantities should be collected for reuse or consigned to a licensed hazardous waste hauler for disposal in accordance with federal, state and local regulations. **All disposal must be in accordance with all federal, state and local regulations.**

SECTION 14: TRANSPORT INFORMATION

No restrictions for Ground, Air, or Maritime Transportation in accordance with 49 CFR parts 100-185.

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SECTION 15: REGULATORY INFORMATION

Federal Regulations:

This product contains an exempt polymer under 40 CFR 723.250(60FR60; May 29, 1995). All other components are on the TSCA Inventory.

SARA - Section 313 (Toxic Chemical Release Reporting) 40 CFR 372 – N-methyl pyrrolidone Listed. Percent of weight : .75 to 1.75%

State Regulations:

This product contains a chemical known to the State of California to cause birth defects or other reproductive harm.: n-methyl pyrrolidone

SECTION 16: OTHER INFORMATION

This product has no established regulatory information. All regulatory information given is based on individual components of the mixture by component number. While this information and recommendations set forth herein are believed to be accurate and reliable, it is provided without warranty regarding its accuracy. HYDROFORCE MANUFACTURING MAKES NO WARRANTY WITH RESPECT HERETO AND DISCLAIMS ALL LIABILITY FROM RELIANCE THEREON. Users must determine safe conditions for use and assume liability for any loss, injury, damage or expense resulting from use of this product.

N/A = Not applicable N/D = Not determined N/E = Not established