



# “Crystal Urethane”

# Material Safety Data Sheet

Date of issue: August 16 2012

Revision Date: March 20, 2012

## SECTION 01: PRODUCT & COMPANY IDENTIFICATION

**US Manufacturer:**

Heartwood Corp/Timber Pro UV  
2232 E. Burnside  
Portland, OR 97214  
Ph (503) 232-1705

**Canadian Manufacturer:**

Timber Pro Coatings LTD  
6251 Graybar Rd., Unit 130  
Richmond, B.C. Canada V6W 1H3  
Ph (604) 270-4244

**Product Name:** **Crystal Urethane**  
Satin (clear)  
Semi Gloss (clear)  
Gloss (clear)

**Product Type:** Interior urethane varnish (restrictions apply for use on exterior surfaces)  
**UN Number:** Not applicable  
**Product Class:** Protective / decorative coating  
**C.A.S. Number:** Mixture

## SECTION 02: HAZARDOUS INGREDIENTS

<u>Ingredients</u>	<u>CAS #</u>	<u>Content</u>	<u>LD50s and LC 50s Route and species</u>
N-methyl-2-pyrrolidone	872-50-4	2.5 –3%	LD50 Oral Acute: 3914mg/kg (Rat) LD50 Dermal Acute: 8000mg/kg (Rabbit)

## SECTION 03: PHYSICAL DATA

**Physical State** Liquid  
**Appearance** Viscous opaque cream colored liquid  
**Odor** Slight ammonia odor  
**Evaporation Rate** Equals water  
**Boiling Point** 100°C (212°F)  
**Freezing Point** 0°C (32°F)  
**Specific Gravity** 1.01  
**Volatile %, max** 72 % by weight  
**VOC, Max** 145 grams per liter minus water

## SECTION 04: FIRE AND EXPLOSION HAZARD DATA

**Flammability Class:** N/A      **Flash Point:** N/A      **LEL:** N/A  
**WHMIS Class** Non-combustible liquid

**Extinguishing Media:** Foam, dry chemical, carbon dioxide or any Class B extinguishing agent. Water may be unsuitable as an extinguishing media, but helpful in keeping adjacent containers cool.

**Special Firefighting Procedures:**

Firefighters and others exposed to vapors or products of combustion should wear self-contained breathing apparatus.

**Unusual Fire & Explosion Hazards:**

Closed containers may rupture when exposed to extreme heat.

Air oxidation of this product may cause it to spontaneously ignite. **To avoid spontaneous combustion, soak soiled rags, spray booth filters and over spray wastes in a water-filled container.**

**SECTION 05: HEALTH HAZARD DATA**

- Skin Contact:** Repeated exposure and washing may irritate the skin.
- Inhalation:** Excessive exposure to vapors or spray mists may cause irritation of the respiratory tract.
- Eye Contact:** May cause upper respiratory irritation.
- Carcinogenicity:** This material does not contain 0.1% or more of any substance which is listed as a carcinogen by NTP, TARC or OSHA.
- First Aid:** Skin: Wash with soap and water immediately.  
Eyes: Flush with large quantities of water for 15 minutes and seek medical attention.  
Ingestion: If ingested get medical attention immediately.

**SECTION 06: REACTIVITY DATA**

- Chemical Stability:** Stable
- Incompatibility:** Strong oxidizing agents
- Reactivity Conditions:** Not reactive
- Haz. Decomprod. Products:** Carbon Dioxide, Carbon Monoxide

**SECTION 07: SPILL OR LEAK PROCEDURES**

- Leaks or spills:** Wear protective equipment during cleanup. Ventilate area. Keep spectators away. Floor may be slippery. Contain spill with inert material or absorbent such as sawdust vermiculite or sand. Do not allow material to enter drain or waterways.
- Waste Disposal:** Allow the absorbed material to dry and landfill the solids in accordance with current federal, state, provincial and local regulations.

**SECTION 08: SPECIAL PROTECTION INFORMATION**

- Clothing:** Long sleeved cover-alls, rubber gloves, goggles and safety shoes are recommended.
- Ventilation:** General ventilation is required during normal use. Local ventilation may be required during certain operations, which generate fumes or spray mists.
- Respiratory:** A canister type respirator may be necessary if spray mists or fumes are generated. A NIOSH approved organic vapor mask with a dust/mist pre-filter is recommended.

**SECTION 09: SPECIAL PRECAUTIONS**

- Precautions to be taken in handling and storing:**  
Avoid prolonged or repeated inhalation of heated vapors or spray mists. Keep away from heat or open flame. Avoid all skin contact.
- Other Precautions:** None known.

**SECTION 10: SUPPLEMENTAL INFORMATION****Regulatory Information**

- TDG / DOT** Not regulated
- DSL / TSCA** All raw materials listed
- HMIS Rating:** Health = 1 Fire = 0 Reactivity = 0
- SARA & WHMIS Classification:** This material is not considered as a hazardous substance as defined by SARA Title 111 regulations (40 CFR 372)
- SARA SECTION 313 LISTED INGREDIENTS:** This material does not contain any substance which is subject to the reporting requirements of 40 CFR 372

**CANADIAN WHMIS CLASSIFICATION:** Not WHMIS hazardous

- Storage & Shipping:** Keep from freezing.  
TDG Class: Not Regulated  
DOT: Not Regulated  
OSHA Not Regulated

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