



Material Safety Data Sheet  
 Professional Coatings, Inc.  
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HMIS Ratings: Health: 1  
 Flammability: 0  
 Reactivity: 0  
 Protection: B

**SECTION 1. PRODUCT IDENTIFICATION**

Product Name: PRO-COAT PURETHANE  
 Product Description: Commercial Waterborne Wood Floor Finish

**SECTION 2. HAZARDOUS INGREDIENTS**

<u>INGREDIENT</u>	<u>CAS #</u>	<u>% WEIGHT</u>	<u>ACGIH-TLV</u>	<u>OSHA-PEL</u>	<u>VAPOR PRESSURE</u> <u>mg Hg</u>
Ethylene Glycol Monobutyl Ether	111-76-2	< 5%	25 PPM	50 PPM	0.80 @ 20°C

**SECTION 3. PHYSICAL DATA**

Boiling Range: >212°F (100°C)  
 % Volatile – WT: 66%  
 Evaporation Rate: Slower than n-butyl acetate.  
 Density: 8.66 LBS/GAL (1.04KG/L)  
 Vapor Density: Heavier than air.  
 Solubility in Water: Miscible  
 Product Characteristics: White, milky liquid with a slight ammonia odor.

**SECTION 4. FIRE AND EXPLOSION DATA**

**Flammability Classification:**

Flash Point: Over 200°F (93°C) PMCC  
 Flammability Classification: Non-Flammable  
 % of Volume of Flammable Limits (Upper): N/A (Lower): N/A

**Extinguishing Media:**

Use foam, carbon dioxide, or dry chemical.

**Special Fire Fighting Procedures:**

Water may be used to cool containers to prevent pressure build-up.

**Unusual Fire and Explosion Hazards:**

Closed containers may explode (due to the build-up of steam pressure) when exposed to extreme heat.

## SECTION 5. HEALTH HAZARD DATA AND FIRST AID PROCEDURES

Eye Contact:	May cause irritation, redness and tearing. In case of contact, flush immediately with large amounts of water and obtain medical attention.
Skin Contact:	Prolonged or repeated contact may cause drying of skin. In case of contact, remove contaminated clothing. Wash area with soap and water.
Inhalation:	Excessive inhalation of vapors may cause dizziness and possible headache. If affected by inhalation, remove to fresh air.
Ingestion:	May cause gastrointestinal irritation and nausea. If swallowed, drink 1 or 2 glasses of water to dilute. Get medical attention:
Primary Routes of Entry:	Inhalation and Dermal
Regulatory Data:	Section 313 supplier notification: This product contains the following chemical(s) subject to the reporting requirements of Section 313 of Title III of the Superfund Amendment and Reauthorization Act of 1986 and 40 CFR 372: N-Methyl-2-Pyrrolidone. This product contains the following chemical(s) which are known to the state of California to cause cancer or to cause birth defects or other reproductive harm: None.
Toxicity Information:	No ingredients in this product are listed by OSHA, IARC or NTP as a carcinogen, teratogen, mutagen, or as having toxic reproductive effects. See Section 2 for exposure limits. See Section 8 for safe handling and use information.

## SECTION 6. REACTIVITY DATA

Stability:	Stable
Hazardous Decomposition Products:	Usual products of combustion, e.g. Carbon Monoxide, Carbon Dioxide, Nitrogen Oxides
Reactivity with Water:	Will not occur.
Hazardous Polymerization:	Will not occur.
Incompatibility (Materials to Avoid):	Strong Oxidizers

## SECTION 7. SPILL OR LEAK PROCEDURES

### **In Case Material is Released or Spilled:**

Ventilate area. Remove with inert absorbent.

### **Waste Disposal:**

Dispose of contaminated absorbent, container and unused contents in accordance with local state/provincial and federal regulations.

### **Shipping Information:**

Not regulated as a DOT hazardous material.

## SECTION 8. SAFE HANDLING AND USE INFORMATION

### **Respiratory Protection:**

No protection required when ventilation recommendations (below) are followed.

### **Ventilation:**

Use with adequate general and/or local ventilation to maintain exposure level below TLV.

**Protective Gloves:**

Wear chemical-resistant gloves such as nitrile rubber.

**Eye Protection:**

Use chemical splash goggles or OSHA-permitted safety glasses. Have eyewash solution available.

**Other Protective Equipment:**

Wear impervious clothing to avoid repeated or prolonged skin contact.

**Hygienic Practices:**

Wash hands with soap and water before eating or using rest rooms.

**SECTION 9. MISCELLANEOUS**

Do not transfer contents to bottles or other unlabeled containers. Do not store in high temperatures (above 100°F or 38°C) environment. Keep from freezing.

**\* \* \* KEEP OUT OF THE REACH OF CHILDREN \* \* \***

**Key Code:**

HMIS: Hazardous Materials Information System  
0 = Minimal Hazard  
1 = Slight Hazard  
2 = Moderate Hazard  
3 = Serious Hazard  
4 = Severe Hazard

N/A: Not Applicable

N/E: Not Established

ACGIH: American Conference of Governmental Industrial Hygienists

OEL: Occupational Exposure Limits

PEL: Permissible Exposure Limits = exposure limit to an airborne contaminant in a workday set by OSHA

TLV: Threshold Limit Value = Time-weighted average concentration for a normal 8 hour workday without adverse effect.

IARC: International Agency for Research on Cancer

NTP: National Toxicology Program

OSHA: Occupational Safety and Health Administration

**SECTION 10. DISCLAIMER**

**Important Notice to Purchaser.** The information in this publication is based on tests that we believe are reliable. Your results may vary due to differences in test types and conditions. You must evaluate and determine whether the product is suitable for you intended application. **Professional Coatings, Inc.** exclusive warranty is as follows: If **Pro-Coat** products are proved defective, the user’s exclusive remedy will be, at **Pro-Coat’s** option, to replace the defective **Pro-Coat** product or to refund the purchase price for the defective quantity. Except for the replacement or refund remedies, **Pro-Coat** is not liable for direct damages or liable for indirect, incidental or consequential damages, regardless of the legal theory asserted, including negligence and strict liability.

**ADDITIONAL COMMENTS**

We recommend that containers be either professionally reconditioned for reuse by certified firms or properly disposed of by certified firms to help reduce the possibility of an accident. Disposal of containers should be in accordance with applicable federal, state and local laws and regulations. “EMPTY” drums should not be given to individuals.

The conditions of handling, storage, use and disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in anyway connected with the handling, storage, use or disposal of the product.