



Material Safety Data Sheet  
Professional Coatings, Inc.  
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## SECTION 1. PRODUCT IDENTIFICATION

Product Name: PRO-COAT POLYURETHANE WOOD SEALER  
Synonyms: Oil Modified Polyurethane

## SECTION 2. HAZARDOUS INGREDIENTS

<u>INGREDIENT</u>	<u>CAS NO.</u>	<u>%BT WT</u>	<u>ACGIH-TLV</u>	<u>OSHA-PEL</u>	<u>UNITS</u>
Mineral Spirits	64742-47-8	50-60	100	500	PPM

## SECTION 3. PHYSICAL DATA

Evaporation Rate: Slower Than Ether.  
Vapor Density: Heavier Than Air  
Boiling Range: 300-416  
Volatile Volume: 60-75%  
WT/GAL: 7.0-8.3

## SECTION 4. FIRE AND EXPLOSION DATA

### Flammability Classification:

Flash Point: 105 FPMCC LEL: 0.9  
Combustible: 105 F

### Extinguishing Media:

Use foam, carbon dioxide or chemical fire fighting apparatus.

### Special Fire Fighting Procedures:

Keep containers tightly closed. Isolate from heat, electrical equipment, sparks and open flame. Closed containers may explode when exposed to extreme heat.

### Unusual Fire and Explosion Hazards:

The use of self-contained breathing apparatus is recommended for fire fighters. Water spray may be used for cooling containers to prevent possible pressure build-up and auto-ignition or explosion when exposed to extreme heat. Avoid spreading burning liquid with water used for cooling.

## SECTION 5. HEALTH HAZARD DATA

**Threshold Limit Value:** See Section 2

**Effects of Overexposure:**

Eye Contact: Severe irritant causes corneal damage.  
Skin Contact: Moderate to severe irritant, prolonged or repeated exposure can cause Dermatitis.  
Skin Absorption: Penetrates skin readily. Frequent or widespread contact may result in the absorption of potentially harmful amounts, which can cause damage to the kidneys, liver, blood and/or bone marrow.  
Inhalation: Excessive inhalation of vapors can cause nasal and respiratory irritation, dizziness, weakness, fatigue, nausea and headache. High concentrations may result in Narcosis. (Central Nervous System Depression)  
Ingestion: Moderately toxic. May cause headache, nausea, vomiting and weakness.

Note: Chronic exposure may cause damage to the Central Nervous System, Respiratory System, lungs, eyes, skin, Gastrointestinal Tract, liver, spleen and kidneys.

**Emergency and First Aid Procedures:**

Eye Contact: Flush with clean, luke-warm water for at least 15 minutes, occasionally lifting the eyelids. Get medical attention without delay.  
Skin Contact: Remove contaminated clothing. Wash affected skin areas thoroughly with soap and water. Wash contaminated clothing thoroughly before reuse.  
Inhalation: Remove to fresh air. Apply artificial respiration or administer oxygen, if necessary. Call a physician immediately.  
Ingestion: Immediately give two glasses of water and induce vomiting either by giving Ipecac syrup or by placing finger at back of throat. Never administer anything by mouth to an unconscious person. Get immediate medical attention.

## SECTION 6. REACTIVITY DATA

Stability: Stable  
Incompatibility: Avoid contact with strong oxidizing agents.  
Hazardous Decomposition Products: Thermal decomposition may yield carbon dioxide and/or carbon monoxide.  
Hazardous Polymerization: Will not occur.

## SECTION 7. SPILL OR LEAK PROCEDURES

**Steps to be Taken in Case Material is Released or Spilled:**

Evacuate all non-essential personnel. Remove all sources of ignition. Ventilate the area. Equip employees with appropriate protection equipment (See Section 8). Dike around spilled material. Cover spill with inert absorbent material and shovel with non-sparking tools into container. Remove containers to a safe area and seal.

**Waste Disposal Methods:**

Waste material must be disposed of in accordance with federal, state and local environmental regulatory controls.

## SECTION 8. SPECIAL PROTECTION INFORMATION

### **Respiratory Protection:**

Use self-contained breathing apparatus where vapor concentration may be above TLV limits. Below the TLV limits, use a NIOSH-approved vapor respirator.

### **Ventilation:**

Local exhaust must be sufficient to keep airborne vapor concentrations below the TLV limit. Exhaust air may need to be cleaned by scrubbers or filters to reduce environmental contamination.

### **Protective Gloves:**

Chemical resistant gloves.

### **Eye Protection:**

Safety glasses with side shields.

### **Other Protective Equipment:**

Eye bath and a safety shower. To prevent repeated or prolonged skin contact, wear impervious clothing and boots.

### **Hazardous Material Identification System:**

See first page of MSDS.

## SECTION 9. SPECIAL PRECAUTIONS

### **Precautions to be Taken in Handling and Storing:**

Drums:	Protect against physical damage. Outside or detached storage preferred.
Bulk:	Storage should be in standard flammable liquid storage tanks.
Other Precautions:	All equipment should be grounded and bonded to reduce static electricity hazard. Use non-sparking tools.

## 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 any way connected with the handling, storage, use or disposal of the product.