

**Pure Tung Oil**

**Issue Date:** 12-Oct-2016

**Revision Date:** 21-Sep-2017

**Version 1**

**Section 1. IDENTIFICATION**

**Product Identifier**

**Product Form:** Substance  
**Substance Name:** Pure Tung Oil  
**SDS#** PTO  
**Synonyms:** China Wood Oil  
**Use of the substance/mixture:** Finishing and Sealing of Porous Surfaces

**Name, Address and Telephone of the Responsible Party**

**Supplier Address:**  
 Real Milk Paint, LLC  
 126 Commerce Dr.  
 Hohenwald, TN 38462  
[www.realmilkpaint.com](http://www.realmilkpaint.com)

**Emergency Telephone Number**

Chemtel 24 hours (within US only) 800-255-3924  
 Chemtel 24 hours (outside continental US) 813-248-0585

**Section 2. HAZARDS IDENTIFICATION**

*The product contains no substances which at their given concentration, combination, and formulation, are considered to be hazardous to health.*

**GHS-US classification:**

This chemical does not meet the hazardous criteria set forth by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200). However, this Safety Data Sheet (SDS) contains valuable information critical to the safe handling and proper use of this product. This SDS should be retained and available for employees and other users of this product.

**Section 3. COMPOSITION/INFORMATION ON INGREDIENTS**

Chemical Name	CAS No.	EINICS No.	Weight-%	Substance Presenting Health Hazards (R-phases)
Tung Oil	8001-20-5	232-272-3	100	None

**Section 4. FIRST AID MEASURES**

**First Aid Measures**

**General Advice:** Provide this SDS to medical personnel for treatment.

**Eye Contact:** Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.

- Skin Contact:** Wash off immediately with plenty of water for at least 15 minutes.
- Inhalation:** Remove to fresh air.
- Ingestion:** Clean mouth with water and drink afterwards plenty of water.

### Most important symptoms and effects

- Symptoms:** Direct contact with eyes may cause temporary irritation. May cause discomfort if swallowed.

### Indication of any Immediate Medical Attention and Special Treatment Needed

- Notes to Physician:** Treat symptomatically

## Section 5. FIRE-FIGHTING MEASURES

- Suitable Extinguishing Media:** Dry chemical or CO<sub>2</sub>, Alcohol resistant foam.
- Unsuitable Extinguishing Media:** Water jet.
- Specific Hazards Arising from the Chemical:** Flammable in presence of open flames.

### **Protective Equipment and Precautions for Firefighters:**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

## Section 6. ACCIDENTAL RELEASE MEASURES

### Personal Precautions, Protective Equipment, and Emergency Procedures

- Personal Precautions:** Prevent further leakage or spillage if safe to do so. Absorb spill with inert material (e.g. dry sand or earth).

### Methods and Material for Containment and Cleanup

- Methods for Containment:** Prevent further leakage or spillage if safe to do so. Absorb spill with inert material (e.g. dry sand or earth).
- Methods for Clean Up:** Sweep up absorbed material and shovel into suitable containers for disposal. Discard any product, residue, disposable container or liner in full compliance with federal, state, and local regulations. For waste disposal, see Section 13 of the SDS.

## Section 7. HANDLING AND STORAGE

### Precautions for Safe Handling

- Advice on Safe Handling:** Handle in accordance with good industrial hygiene and safety practice. Wash face, hands, and any exposed skin thoroughly after handling. Avoid contact with skin, eyes or clothing. Keep away from heat.

**Conditions for Safe Storage, Including any Incompatibilities**

- Storage Conditions:** Store away from heat, sparks, flame. Store away from ignition sources and incompatible materials. Keep container tightly closed and store in a cool, dry and well-ventilated place.
- Incompatible Materials:** Strong Oxidizing Agents

**Section 8. EXPOSURE CONTROLS/PERSONAL PROTECTION****Exposure Guidelines**

The following information is given as general guidance

**Appropriate Engineering Controls**

- Engineering Controls:** Explosion-proof general and local exhaust ventilation. Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Work with fume hood.

**Individual Protection Measures, such as Personal Protective Equipment**

- Eye/Face Protection:** Splash goggles or safety goggles
- Skin and Body Protection:** Wear protective gloves, lab coat
- Respiratory Protection:** NIOSH approved dust respirator
- General Hygiene Considerations:** Handle in accordance with good industrial hygiene and safety practice.

**Section 9. PHYSICAL AND CHEMICAL PROPERTIES****Information on Basic Physical and Chemical Properties**

<b>Physical State:</b>	Liquid	<b>Odor:</b>	Strong
<b>Appearance:</b>	Yellowish Liquid	<b>Odor Threshold:</b>	Not Determined
<b>Color:</b>	Yellowish		

Property	Values	Remarks / Methods
<b>pH</b>	Not Determined	
<b>Melting Point/Freezing Point</b>	Not Determined/ Not Determined	
<b>Boiling Point/Boiling Range</b>	Not Determined/ Not Determined	
<b>Flash Point</b>	289 <sup>o</sup> C / 552 <sup>o</sup> F CC (Closed Cup)	CC (Closed Cup)
<b>Evaporation Rate</b>	Not Determined	
<b>Flammability (solid,gas)</b>	Not Determined	
<b>Upper Flammability Limits</b>	Not Determined	
<b>Lower Flammability Limits</b>	Not Determined	
<b>Vapor Pressure</b>	Not Determined	
<b>Specific Gravity</b>	0.9360-0.9395	
<b>Water Solubility</b>	Insoluble in Water	
<b>Solubility in Other Solvents</b>	Not Determined	

<b>Partition Coefficient</b>	Not Determined
<b>Autoignition Temperature</b>	Not Determined
<b>Decomposition Temperature</b>	Not Determined
<b>Kinematic Viscosity</b>	Not Determined
<b>Dynamic Viscosity</b>	Not Determined
<b>Explosive Properties</b>	Not Determined
<b>Oxidizing Properties</b>	Not Determined
<b>Density</b>	0.937 g/cm <sup>3</sup> at 25° C (77° F)

### Section 10. STABILITY AND REACTIVITY

<b>Reactivity:</b>	Not reactive under normal conditions.
<b>Chemical Stability:</b>	Stable under recommended storage conditions.
<b>Possibility of Hazardous Reactions:</b>	None under normal processing.
<b>Conditions to Avoid:</b>	Keep out of reach of children.
<b>Incompatible Materials:</b>	Strong oxidizing agents.
<b>Hazardous Decomposition Products:</b>	None known based on information supplied.

### Section 11. TOXICOLOGICAL INFORMATION

#### Information on likely Routes of Exposure

##### Product Information

<b>Eye Contact:</b>	Direct contact with eyes may cause temporary irritation.
<b>Skin:</b>	Avoid contact with skin.
<b>Inhalation:</b>	Avoid breathing vapors or mists.
<b>Ingestion:</b>	May cause discomfort if swallowed.

**Component Information** Not Available

#### Information on Physical, Chemical, and Toxicological Effects

**Symptoms:** Please see section 4 of this SDS for symptoms.

#### Delayed and Immediate Effects as well as Chronic Effects from Short and Long-term Exposure

<b>Carcinogenicity:</b>	This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.
<b>Numerical Measures of Toxicity:</b>	Not Determined

## Section 12. ECOLOGICAL INFORMATION

<b>Ecotoxicity:</b>	An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.
<b>Component Information:</b>	Not Available
<b>Persistence/Degradability:</b>	Readily Biodegradable
<b>Bioaccumulation:</b>	Not Determined
<b>Motility:</b>	Not Determined
<b>Other Adverse Effects:</b>	Not Determined

## Section 13. DISPOSAL CONSIDERATIONS

### Waste Treatment Methods

<b>Disposal of Wastes:</b>	Disposal should be in accordance with applicable regional, national and local laws and regulations.
<b>Contaminated Packaging:</b>	Disposal should be in accordance with applicable regional, national and local laws and regulations.

## Section 14. TRANSPORT INFORMATION

<b>Note:</b>	Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.
<b>DOT:</b>	Not Regulated
<b>IATA:</b>	Not Regulated
<b>IMDG:</b>	Not Regulated

## Section 15. REGULATORY INFORMATION

**International Inventories:** Not Determined

### **Legend:**

*TSCA – United States Toxic Substances Control Act Section 8(b) Inventory*  
*DSL/NDSL – Canadian Domestic Substances List/Non-Domestic Substances List*  
*EINE CS/E LINCS – European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances*  
*ENCS – Japan Existing and New Chemical Substances*  
*IECSC – China Inventory of Existing Chemical Substances*  
*KECL – Korean Existing and Evaluated Chemical Substances*  
*PICCS – Philippines Inventory of Chemicals and Chemical Substances*

### **U.S. Federal Regulations:**

**SARA 313:** Not Determined

**U.S. State Regulations:**

**U.S. State Right-to-Know Regulations:** Not Determined

**Section 16. OTHER INFORMATION**

<b>NFPA</b>	<b>Health Hazards</b>	<b>Flammability</b>	<b>Instability</b>	<b>Special Hazards</b>
	0	1	0	Not Determined
<b>HMIS</b>	<b>Health Hazards</b>	<b>Flammability</b>	<b>Physical Hazards</b>	<b>Personal Protection</b>
	0	1	0	Not Determined



**Issue Date:** 12-Oct-2016  
**Revision Date:** 21-Sep-2017  
**Revision Note:** New Format

**Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of this publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text. The Real Milk Paint Co. assumes no responsibility for injury to vendee or third party person proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Furthermore, The Real Milk Paint Co. assumes no responsibility for injury caused by abnormal use of this material even if reasonable safety procedures are followed. Compliance with all applicable federal, state, and local laws and local regulations remains the responsibility of the user.

End of Safety Data Sheet