

Pure Tung Oil

Issue Date: 12-Oct-2016

Revision Date: 25-Sep-2023

Version 2

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

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.
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Indication of any Immediate Medical Attention and Special Treatment Needed

Notes to Physician:	Treat symptomatically
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Section 5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media:	Dry chemical or CO ₂ , 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).
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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.
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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**

Physical State:	Liquid	Odor:	Strong
Appearance:	Yellowish Liquid	Odor Threshold:	Not Determined
Color:	Yellowish		

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

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

Section 10. STABILITY AND REACTIVITY

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

Section 11. TOXICOLOGICAL INFORMATION

Information on likely Routes of Exposure

Product Information

Eye Contact:	Direct contact with eyes may cause temporary irritation.
Skin:	Avoid contact with skin.
Inhalation:	Avoid breathing vapors or mists.
Ingestion:	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

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

Section 12. ECOLOGICAL INFORMATION

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

Section 13. DISPOSAL CONSIDERATIONS

Waste Treatment Methods

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

Section 14. TRANSPORT INFORMATION

DOT:	Not Regulated
IATA:	Not Regulated
IMDG:	Not Regulated

This product not classified as dangerous for transport.

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

NFPA	Health Hazards	Flammability	Instability	Special Hazards
	0	1	0	Not Determined
HMIS	Health Hazards	Flammability	Physical Hazards	Personal Protection
	0	1	0	Not Determined



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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