



Land Ark Northwest, LLC
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MATERIAL SAFETY DATA SHEET

Section I: Identification of Product and Company

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Web www.landarknw.com

Liquid and semi-liquid oil and solvent wood finish; combustible but not explosive; non-caustic; non to low toxic; low VOC level.

Section II: Identification of Components

D-limonene (citrus terpenes), food grade, maximum of 60% by volume; extracted only from orange peels.

Pure tung oil without added drying agents.

Pure oxidized natural linseed oil; polymerized; without added drying agents.

Gum rosin crystal free, water white grade, extracted from pine sap; contains no turpentine or pine oil.

Pure beeswax, chemical and bleach-free.

Section III: Hazardous Components and Classification

HMIS:

2 Health hazard – mild skin irritant; danger to eyes (flush with water)

2 Flammability – flashpoint of 125 degrees F.

0 Reactivity – stable

G Protection – OSHA approved safety glasses, gloves, adequate ventilation or respirator in confined areas.

D-limonene

FDA rating: GRAS (generally recognized as safe)

TSCA rating: listed as non-toxic

SARA Title III: not listed

Non-toxic in small quantities, used in food flavorings and fragrance. Pure d-limonene cannot be ingested in large quantities without probable liver and kidney damage. LD50 is greater than 5g/kg of body weight, or in excess of 16 oz/150 lb body weight. MSDS for d-limonene available on request, as well as detailed

toxicology report.

Land Ark Exterior Only:

Tinuvin 5060 as a UVA; 2.8% total by weight. Manufactured by Ciba Specialty Chemical Corp.

Polyphase 641 as a fungicide; 5.7% by total weight. Manufactured by Troy Chemical Corp.

All other components are rated as non-toxic and non-hazardous. MSDS for individual ingredients available on request.

All components are non-ozone depleting and biodegradable.

Section IV: Physical Data

Appearance: medium thick amber liquid to soft wax consistency.

Odor: mild citrus and oil aroma.

VOC level: maximum of 60%; 500 grams/liter; Specific gravity: .88.

Section V: Fire and Explosion Hazard Data

Flash Point: 125 degrees F.

Extinguish with CO₂, foam, or dry chemical. Treat as oil fire; use class C procedures.

Smoke from burning is acrid, irritating, but not deadly.

Section VI: Health Hazard Data and First Aid Procedures

Ingestion – may be harmful in quantities exceeding several ounces; may cause vomiting, headaches, weakness. Do not induce vomiting. Seek medical attention.

Eyes – irritating to eyes; flush with water for 10 – 15 minutes. Seek medical attention if irritation persists.

Skin – prolonged contact may cause dryness. If irritation persists, seek medical attention.

Inhalation – over-exposure in improperly ventilated area may cause dizziness and weakness. Evacuate to open air. If symptoms persist, seek medical help.

Section VII: General Safety Procedures

Personal – use OSHA approved safety equipment for eyes, hands, and skin, and breathing.

Keep away from open flames and excessive heat (above 120 F)

Dispose of oily rags and applicators properly to avoid spontaneous combustion. Dry in open air, incinerate, or seal in closed container with water. Do not store or dispose of saturated rags, paper towels, applicators, etc., in trash or any combustible surroundings.

Spill and leak procedure – use absorbents suitable for oil spills.

Disposal – in accordance with local regulations.

Section VIII: Transportation Classification

FOR DOMESTIC SHIPMENTS

Proper Shipping Name: NA 1993 Combustible Liquid NOS

Hazard Class 3
Non-Hazardous

Packing Group – exempted from group three requirements on shipments of containers less than 200 lbs., and labeling and placarding requirements due to higher flash point exemption; exemption 173.50(f) applies. Cannot be shipped by air in U.S. without fulfilling international packaging requirements because flash point is below 141 F (except Concentrating Finishing Oil, which can be air shipped).

FOR INTERNATIONAL SHIPMENTS, AIR OR SURFACE

Proper Shipping Name: Flammable Liquid, N.O.S. (Terpene Hydrocarbons)

Shipping Classification: UN 1993
Class 3
PG III

Packaging Requirements: UN rated containers, pails, or drums; flammable labels.

24-Hour emergency response phone number:

Chemtrec 1-800-424-9300 Outside US call collect: (703) 527-3887