

MATERIAL SAFETY DATA SHEET

TIP TOP PRODUCTS
145 BAILS RD.
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PREPARED: 11/3/2008

Section 1 - Identification

Product Name: Wood-Oil Sealer (TS1001 & 1002)
Product Description: Wood Preserver and Sealer

Section 2 - Composition/Information on Ingredients

Principle Components	CAS #	OSHA PEL	ACGIH TLV	
			TWA	STEL
Aliphatic Solvent Naphtha, Heavy	64742-96-7	500 ppm 5 mg/m ³ *	(* as mineral oils)	
Aliphatic Solvent Naphtha, Medium	64742-88-7	500 ppm 100 ppm		
Linseed Oil	67746-08-1	None	None	
Petroleum Distillates, Heavy Paraffinic	64741-88-4	5 mg/m ³ *	5 mg/m ³ *	10 mg/m ³ *
Petroleum Distillates, Light Paraffinic	64741-89-5	5 mg/m ³ * (* as mineral oils)	5 mg/m ³ *	10 mg/m ³ *
Tung Oil	8001-20-5	None	None	

Section 3 - Physical Data

Physical State: Liquid	Vapor Density: (air = 1) ~5
Appearance: Clear, pale yellow	Evaporation Rate: Slow
Odor: Hydrocarbon	Water Solubility: Negligible
Specific Gravity: (Water = 1) 0.78	Boiling Range: 162 - 343°C (323 - 650°F)
Vapor Pressure: (mm of Hg) <2	Melting Point: Not Applicable
% Volatile: Negligible	pH: Not Applicable

Section 4 - Fire & Explosion Data

Flash Point: 45°C (114°F) TCC

Flammability Limits (percent by volume)
 Lower: 0.9
 Upper: Not Applicable

Flammability Classification: II

Extinguishing Media: Water fog, foam, CO₂, dry chemical.

Unusual Fire or Explosion Hazards: Combustible material. May be ignited by heat, sparks, flames or other sources of ignition. May react with oxidizers. Vapor/air mixtures create an explosion hazard and may travel to remote sources of ignition. Vapor is heavier than air and can accumulate in low areas. Closed containers may explode when exposed to extreme heat.

Hazardous Combustion Products: Oxides of carbon; smoke and fumes.

Fire-Fighting Instructions: Water spray may be used to cool containers, structures, protect personnel and to flush spills away from sources of ignition. Do not flush down public sewers. Use fog nozzles if water spray is used.

Fire-Fighting Equipment: Do not enter confined fire-space without full bunker gear (helmet with face shield, bunker coats, gloves, and rubber boots). Use NIOSH approved positive-pressure self-contained breathing apparatus.

Section 5 - Health Hazard Data

Emergency Overview

Clear, pale yellow solution, hydrocarbon odor.
 May cause severe skin, eye, and respiratory irritation.
 Flammable liquid; vapors may form an explosive mixture with air.

Potential Health Effects

Primary Entry Routes: Skin and eye contact; inhalation.

Target Organs: Eyes, skin, respiratory system

Acute Effects

Inhalation: Irritation to respiratory tract and mucous membranes. High concentrations may cause chemical pneumonia.

Eyes: Irritation, redness, tearing, blurred vision.

Skin: irritation.

Ingestion: Nausea, vomiting, diarrhea. Aspiration of liquid into lungs from vomiting may produce chemical pneumonia.

Chronic Effects

Inhalation: Repeated or prolonged exposure may cause chemical pneumonia.

Eyes: Repeated or prolonged contact may cause conjunctivitis (inflammation of the mucous membranes that line the inner surface of the eyelids and over the forepart of the eyeball).

Skin: Repeated or prolonged contact may cause defatting dermatitis, redness, itching, inflammation, cracking, and possible secondary infection.

Ingestion: May produce abdominal pain, vomiting.

Carcinogenicity: None of the product components are listed as carcinogens.

Medical Conditions Aggravated by Exposure: Persons with pre-existing skin, liver, or kidney problems should avoid using this product.

First Aid

Inhalation: Remove from exposure, if breathing is difficult or absent, give artificial respiration and obtain immediate medical attention. Call a physician.

Eye Contact: Flush eyes immediately with plenty of water for at least 15 minutes. Call a physician.

Skin Contact: Remove contaminated clothing and shoes. Wipe off excess, wash affected area with plenty of water and soap. If irritation persists, obtain medical attention.

Ingestion: Call a physician or poison control center. Do not induce vomiting. If spontaneous vomiting occurs, monitor for breathing difficulty.

Section 6 - Reactivity Data

Stability: Stable under normal conditions of use.

Chemical Incompatibilities: Will react with strong oxidizers.

Conditions to Avoid: Contact with strong oxidizers or alkaline materials. Excessive heat, sparks, open flames, or other sources of ignition.

Hazardous Decomposition Products: Oxides of carbon.

Hazardous Polymerization: Does not occur.

Section 7 - Spill and Leak Procedures

Personal Precautions: Ventilate area. Evacuate all unprotected personnel from the area. Cleanup personnel should protect against skin/eye contact.

Spill Response Procedures: Eliminate sparks, open flames, and all other sources of ignition. Contain spill, using a dike of inert material and absorbents if necessary. Prevent spill from entering a public sewer system.

Small Spills: Wipe up and/or absorb into an inert absorbent. Place all material contaminated by the spill into a suitable container for disposal.

Large Spills: Use an inert absorbent dike and contain the liquid. Collect spill using an inert absorbent material and place into approved container for disposal. For larger quantities, the contained liquid may be pumped into appropriate containers. Use only non-sparking and explosion proof equipment when working with the spilled material.

Waste Disposal: Dispose in accordance with Local, State, and Federal regulations.

Notification: Any spill, release, or substantial threat of release, of this product to navigable water sufficient to cause a visible sheen upon the water must be reported immediately to the National Response Center (800-424-8802) as required by U. S. Federal Law. Failure to report may result in substantial civil and criminal penalties.

Section 8 - Exposure Controls/Personal Protection

Ventilation: Good general ventilation is recommended. Local exhaust may be required if material is sprayed or heated to maintain TLV.

Personal Protective Equipment

Respiratory: None required with normal use. If product is to be sprayed or heated, or used in a poorly ventilated area, respiratory protection may be required. If respiratory protection is required, seek professional advice before selection and use. Follow OSHA respirator regulations (CFR 1910.134) and, if necessary, wear a NIOSH/MSHA approved respirator.

Eye/Face: Wear safety glasses with side shields (or goggles) and a face shield.

Skin/Body: For brief contact, wear body-covering clothing. Use neoprene or other chemically-resistant gloves.

Remove clothing which has been contaminated; wash before reuse. Wash separately from other clothing. Keep other protective equipment clean.

Other Precautions: Do not eat, drink, or smoke in work area. Wash hands and face before eating, drinking, or smoking.

Occupational Exposure Limits: None established.

Section 9 - Handling and Storage

Handling Precautions: Use in a well ventilated area. Avoid contact with skin and eyes

Storage Requirements: Store in a cool, dry place with closures up. Store away from excessive heat, sparks, open flames, arcs, or other sources of ignition. Do not store with oxidizers, caustics, acids, or other corrosive materials. Keep from freezing. Keep containers tightly closed when not in use. Used containers may contain flammable, combustible, or explosive concentrations of vapors. Do not cut, grind, weld, or reuse unless adequate precautions are taken to eliminate these hazards.

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