

Material Safety Data Sheet**Date: October 2001**

SEMCO Teak Products
Serra Engineering And Manufacturing Co., Inc.
P.O. Box 323
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Product information: 800-662-0223
Outside USA : 410-771-4025

1 PRODUCT IDENTIFICATION

Product Name: SEMCO Teak Sealer all colors
Product Use: Water repellent wood preservative
Appearance: Opaque water like liquid, slight petroleum distillate odor

2 HAZARDOUS INGREDIENTS

Trimethyl benzene
CAS # 25551-13-7
Percent by weight: + or – 1%

Dimethyl benzene
CAS # 1330-20-7
Percent by weight: + or – 1%

Neodecanoic acid
CAS # 27253-31-2
Percent by weight: + or – 1%

Solvent Naphtha
CAS # 64741-65-7
Percent by weight: + or – 6%

Lecithins
CAS # 6002-43-5
Percent by weight: + or – 1%

Paraffin waxes
CAS # 6002-74-2
Percent by weight: + or – 1%

1,2,4-trimethyl benzene
CAS # 95-63-6
Percent by weight: > 1%

Petroleum distillates
CAS # 64742-95-6
Percent by weight: + or – 10%

Mineral Spirits
CAS # 8052-41-3
Percent by weight: + or – 75%

Proprietary Ingredients
CAS # None
Percent by weight: + or – 3%

3 HAZARDS IDENTIFICATION

Eye: Contact with liquid may cause eye irritation. Overexposure may be extremely irritating to eyes and mucus membranes.

Skin: Repeated or prolonged contact with the skin can result in defatting and drying of the skin which may result in skin irritation and dermatitis.

3 HAZARDS IDENTIFICATION

Inhalation: Avoid breathing vapors or mists. Harmful if inhaled. May cause irritation to nose, throat and respiratory tract. May affect the brain or nervous system causing dizziness, headache or nausea.

Ingestion: May cause vomiting, diarrhea, and depressed respiration. Aspiration of materials into lungs due to vomiting can cause chemical pneumonitis which may be fatal.

Individuals who are pregnant or with pre-existing disease in or a history of ailments involving the skin, eye, respiratory tract, liver, kidney, central nervous system are at greater than normal risk of developing adverse effect when exposed to this material.

4 FIRST AID MEASURES

Eye contact: Immediately flush with plenty of water for at least 15 minutes. Get prompt medical attention.

Skin contact: Remove contaminated clothing. Wash affected areas immediately with soap and water. If irritation persists, get medical attention.

Ingestion: If swallowed Do NOT induce vomiting. Promptly drink a large quantity of milk, egg whites or gelatin solution; if these are not available drink large quantities of water. Contact medical professionals immediately. Never give anything by mouth to an unconscious person.

Inhalation: Remove to fresh air. Restore and support continued breathing.

Note to medical personnel: Mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression and convulsions may be required.

5 FIRE FIGHTING MEASURES

Flash Point: 150 F

Autoignition Temperature: Not determined

Flammable Limits: Not determined

Extinguishing Media: Use dry chemical, carbon dioxide, or foam.

Fire Fighting Procedures: As in any fire, wear complete fire service protective equipment, including full-face approved or equivalent self contained breathing apparatus. Use water to cool fire exposed containers / structure / protect personnel. Do not put in contact with oxidizing or caustic materials.

Fire and Explosion Hazards: Containers may explode if exposed to extreme heat. Eliminate source of ignition.

6 SPILL AND LEAK PROCEDURES

Small Spill: Absorb spill with inert material (eg: sand or earth) , then place in a chemical waste container for proper disposal.

Large Spill: Dike and contain spilled liquid with sand or earth. Do not use combustible products such as sawdust. Pump to storage or salvage vessel. Prevent run off to sewers, streams or other bodies of water. If run off occurs, notify proper authorities that a spill has occurred.

7 HANDLING AND STORAGE

Handling: Avoid prolonged or repeated breathing of vapors, mists or fumes. Avoid prolonged or repeated contact with skin or eyes. Observe good personal hygiene practices and recommended procedures. Wash thoroughly after handling.

Storage: Store in areas/buildings designed to comply with applicable regulations. Keep in a closed labeled container within a cool, dry ventilated area. Protect from physical damage. Keep containers closed when not in use. Store away from caustics and oxidizers.

Other: Showering and clothing change recommended at the end of each shift. Keep containers from excessive heat and freezing. Do not store at temperatures above 120°F. Intentional misuse by deliberately concentrating and inhaling vapors may be harmful or fatal.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering controls: Provide sufficient mechanical ventilation (local or general exhaust) to maintain exposures below limits. Vapors are heavier than air and will collect in low areas. Check all low areas for vapors before entering.

Respirators: Use an approved respirator. Consult your safety equipment supplier and relevant regulations for respirator requirements.

Personal Protective Equipment: Industrial safety glasses, minimum. As necessary for work area conditions: Use side shields, goggles or faceshield. As required, chemical resistant flexible type gloves. Wear industrial type work clothing, depending on working conditions ie: contact potential wear impervious protective garments such as head and neck cover, gloves, apron, jackets, pants, coveralls, boots, etc.. Wash contaminated clothing before reuse.

9 PHYSICAL AND CHEMICAL PROPERTIES

Weight per gallon: 6.540 lbs, 2.97 kg

Vapor Pressure: 2 mmHg @68 F

PH: Not applicable

Specific Gravity: < 1

VOC Content: 690 Grams per liter

Vapor Density: (air=1) 5.0

Boiling Point: 310 F

Evaporation Rate: 0.15

Solubility in water: Negligible

10 STABILITY AND REACTIVITY DATA

Stability: Stable

Hazardous Polymerization: None

Incompatibility: Strong oxidizers and caustics

Hazardous Decomposition products: Carbon dioxide and carbon monoxide

11 TOXICOLOGICAL INFORMATION

Toxic by ingestion, inhalation and skin absorption.

12 ECOLOGICAL INFORMATION

Product not tested for ecotoxicity.

13 DISPOSAL CONSIDERATIONS

Dispose of according to federal, state and local regulations. Discarded material should be incinerated at a permitted facility. Do not reuse empty container. Liquids cannot be discarded in a landfill.

14 TRANSPORTATION INFORMATION

Not hazardous for shipping as threshold for reportable quantities is not reached in available packaging.

UN classification: Paint related materials, #1263, Hazard class 3, packing group III
NAFTA, HS Tariff # 3209, Preference criterion A

15 REGULATORY INFORMATION

Always check on and adhere to local regulations for materials of this type. Users should familiarize themselves with local governing regulations. Use only according to directions. Keep away from children or any sensitive groups.

16 OTHER INFORMATION

Designed for use on teak and other similar wood as a preservative or cleaner. Read and follow label directions and precautions when using. Contact the manufacturer with questions on usage.

Notice: While the information and recommendations set forth herein are believed to be accurate as of the date hereof, SEMCO and Serra Engineering and Manufacturing Co., Inc. makes no warranty with respect thereto and disclaims all liability from reliance thereon.

Prepared by SEMCO and Serra Engineering and Manufacturing Co., Inc., October 31, 2001