

1. Identification

Product Name: Teak Sealer & Protector
Synonyms: N/A
CAS Number: Mixture
Product Use: Deck Sealing
Manufacturer/Supplier: Teakdecking Systems, Inc.
Address: 7061 15th Street East
 Sarasota, Florida 34243 USA
Business Phone: +1 941 756-0600
Emergency Phone: +1 941 756-0600

2. Hazards Identification

GHS Classification:

Health	Environmental	Physical
Eye Irritation: Category 2B Reproductive Toxicity: Category 1B STOT-SE: Category 3		

GHS Label:



Danger

GHS Hazard Statements:

H320: Causes eye irritation.
 H335: May cause respiratory irritation.
 H360: May damage fertility or the unborn child.

GHS Precautionary Statements:

P261: Avoid breathing fumes.
 P264: Wash hands thoroughly after handling.
 P271: Use only outdoors or in a well-ventilated area.
 P280: Wear protective gloves, clothing, eye protection and face protection.
 P308 + P313: IF exposed or concerned: Get medical advice/attention.
 P304 + P340: If inhaled, remove victim to fresh air and keep at rest in a position comfortable for breathing.

P305 + P351 + P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.
 P337 + P313: If eye irritation persists: get medical advice/attention.

3. Composition / Information on Ingredients

Component	CAS Number	Weight %
Water	7732-18-5	75-92
Acrylic emulsion	Mixture	5-10
n-Butoxypropanol	5131-66-8	1-5
Dipropylene glycol methyl ether	34590-94-8	1-5
1-methyl-2-pyrrolidone	872-50-4	1-5

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

(See Section 8 for Exposure Limits)

4. First Aid Measures

Eye: Flush immediately with large amounts of water for at least 15 minutes. Eyelids should be held away from the eyeball to ensure thorough rinsing.

Skin: Flush immediately with plenty of water and remove contaminated clothing and shoes. Flush skin with mild soap and water. If irritation occurs, get medical attention.

Inhalation: If fumes of this material are inhaled, remove victim to fresh air.

Ingestion: If this material is swallowed, CALL PHYSICIAN OR POISON CONTROL CENTER FOR MOST CURRENT INFORMATION. DO NOT INDUCE VOMITING, unless directly by medical personnel. Never induce vomiting or give diluents (milk or water) to someone who is unconscious, having convulsions, or unable to swallow. If vomiting occurs, lean patient forward or place on left side (head-down position, if possible) to maintain an open airway and prevent aspiration.

5. Fire Fighting Measures

Suitable Extinguishing Media: Use extinguishing material suitable to the surrounding fire, including foam, halon, carbon dioxide and dry chemical.

Unusual Fire and Explosion Hazards: N/A

Combustion Products: Irritating or toxic substances may be emitted upon thermal decomposition.

Precautions for Fire Fighters: In fire conditions, wear a NIOSH/MSHA-approved self-contained breathing apparatus and full protective gear. Use water spray to keep fire-exposed containers cool. In fire conditions, water may evaporate from this solution which may cause hazardous decomposition products to be formed as dust or fume. Spill area may become slippery. Use caution.

6: Accidental Release Measures

Small and Large Spills: Evacuate personnel to safe area. Use proper personal protective equipment as indicated in Section 8. Provide adequate ventilation. Avoid runoff into storm sewers and ditches which lead to waterways. Absorb with inert dry material, sweep or vacuum up and place in a suitable container for proper disposal. Wash spill area with soap and water.

7. Handling and Storage

Handling: Read label on container before using. Do not wear contact lenses when working with chemicals. Keep out of reach of children. Avoid contact with eyes, skin and clothing. Do not inhale vapors, spray or mist. Use with adequate ventilation. Avoid ingestion. Wash thoroughly after handling. Remove and wash clothing before reuse.

Storage: Store in a cool, well-ventilated area away from incompatible substances. Keep from freezing. Material may coagulate.

8. Exposure Controls / Personal Protection

Exposure Limits:

<i>Component</i>	<i>CAS Number</i>	<i>Guideline</i>	<i>Value</i>
<i>Acrylic Polymer</i>	<i>Mixture</i>	<i>ACGIH (TLV)</i>	<i>100 ppm/ 606 mg/m³(skin)</i>
		<i>OSHA (PEL)</i>	<i>100 ppm/ 600 mg/m³(skin)</i>
		<i>NIOSH (REL)</i>	<i>Not listed</i>

Engineering Controls: Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower and fire extinguishing material. Personnel should wear safety glasses, goggles, or face shield, lab coat or apron, appropriate protective gloves. Use adequate ventilation to keep airborne concentrations low.

Personal Protective Equipment (PPE)

Eye Protection: Wear chemical safety glasses.

Skin Protection: Avoid skin contact. Wear gloves impervious to conditions of use. Additional protection may be necessary to prevent skin contact including use of aprons, face shields, boots, or full body protection.

Respiratory Protection: Not needed under normal exposure conditions in an industrial setting. If exposure limits are exceeded, NIOSH approved respiratory protection should be worn.

Work and Hygienic Practices: Provide readily accessible eyewash stations and safety showers. Wash at the end of each work shift and before eating, smoking, or using the toilet. Promptly remove clothing that becomes contaminated.

9. Physical and Chemical Properties

Appearance:	Milky white liquid
Odor:	mild acrylic odor
pH:	No Data
Melting Point:	0°C (32°F)
Boiling Point:	100°C (212°F)
Flashpoint:	>100°C (>212°F)
Autoignition Temperature:	No Data
Lower Flammability Limit:	No Data
Upper Flammability Limit:	No Data
Vapor Pressure:	14 mm Hg
Vapor Density (Air=1):	0.7
Specific Gravity:	1.0
% Solubility in Water:	Complete
Pour Point:	No Data
Molecular Formula:	Mixture
Molecular Weight:	Mixture
Viscosity:	No Data
VOC:	N/A

10. Stability and Reactivity

Chemical Stability: Stable

Incompatibility (Materials to Avoid): Strong oxidizing agents, strong acids.

Hazardous Decomposition Products (from burning, heating, or reaction with other materials): Nitrogen oxides, carbon monoxide, carbon dioxide.

Hazardous Polymerization: Will not occur.

Conditions to Avoid (if polymerization may occur): Light, ignition sources, excess heat, exposure to moist humid air.

11. Toxicological Information

Routes of Exposure:

Eye Contact

Skin Contact

Signs and Symptoms of Exposure (Acute Effects): May cause skin irritation. May be harmful if absorbed through the skin. Not expected to cause an allergic reaction. Because of high permeability rate of NMP in human skin, prolonged contact should be avoided. May cause eye irritation. May cause temporary corneal clouding.

Signs and Symptoms of Exposure (Possible Long Term Effects): To the best of our knowledge, the chemical, physical and toxicological properties have not been thoroughly investigated. Specific c data is not Available. Exercise appropriate procedures to minimize potential hazards.

Medical Conditions Generally Aggravated By Exposure:

Allergies

Eye disease

Skin disorders

Carcinogens under OSHA, ACGIH, NTP, IARC, Other: This product contains no carcinogens in concentrations of 0.1 percent or greater.

Target Organ Effects: Acute: Skin, eyes, respiratory system

Acute Toxicity Values:

Oral LD₅₀ (Rat) = No Data

Dermal LD₅₀ (Rabbit) = No Data

Inhalation LC₅₀ (Rat) = No Data

12. Ecological Information

Ecotoxicity:

Toxicity to fish: Gold orfe: LC50 4000mg/L, 96H (1-methyl-2-pyrrolidone)

Toxicity to daphnia and other aquatic invertebrates: EC 4897 mg/L, 48H (1-methyl-2-pyrrolidone)

Toxicity to algae: IC50, >500mg/L, 72H (1-methyl-2-pyrrolidone)

Environmental Fate: No Data

Additional Information: Waste from this product may present long-term environmental hazards, thus landfill disposal must be considered less acceptable than incineration.

13. Disposal Considerations

Comply with all federal, state, and local regulations.

14. Transport Information

UN/NA number: Not applicable

Shipping name: Not Regulated

Hazard class: Not applicable

Packing group: Not applicable

Reportable Quantity: No

Marine pollutant: No

Exceptions: Not applicable

2016 ERG Guide # Not applicable

15. Regulatory Information

ADDITIONAL U.S. REGULATIONS:

U.S. TSCA INVENTORY STATUS: All components of this product are in compliance with the inventory listing requirements of the U.S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory.

CALIFORNIA SAFE DRINKING WATER AND TOXIC ENFORCEMENT ACT (PROPOSITION 65): No component is on the California Proposition 65 Chemical Lists.

ADDITIONAL CANADIAN REGULATIONS:

CANADIAN DSL/NDL INVENTORY STATUS: The components of this product are on the DSL Inventory.

16. Other Information

National Fire Protection Association (NFPA) Ratings:

Health: 1

Flammability: 0

Reactivity: 0

This information is intended solely for the use of individuals trained in the NFPA system.

Disclaimer: The information contained herein is accurate to the best of our knowledge. My company makes no warranty of any kind, express or implied, concerning the safe use of this material in your process or in combination with other substances.