



MATERIAL SAFETY DATA SHEET

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SECTION 01: PRODUCT & COMPANY IDENTIFICATION

Manufactured by: Timber Pro Coatings Ltd
140 -12051 Horseshoe Way
Richmond, B.C.
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Product Name: Deck & Fence Formula

Product Type : Natural Oil Woodfinish
UN Number : Not applicable
Product Class : Protective / decorative coating
C.A.S. Number : Mixture

SECTION 02: HAZARDOUS INGREDIENTS

<u>Ingredients</u>	<u>CAS #</u>	<u>Maximum Content</u>	<u>Exposure LD50s and LC 50s Route and species</u>
Dipropylene glycol methyl ether	34590-94-8	1-2%	Oral LD50 Rat : 5400uL/Kg Dermal LD50 Rabbit 10ml/kg Inhalation LC50 Rat ; >500ppm/7hrs(>661 ppm/4hrs)
Propylene Glycol	57-55-6	1-2%	Oral LD50 (Rat) 20000mg/Kg Dermal(Rabbit) 20800mg/Kg

SECTION 03: PHYSICAL DATA

Physical State Liquid
Appearance Viscous opaque cream colored liquid
Odor Slight ammonia odor
Evaporation Rate Equals water
Boiling Point 100°C (212°F)
Freezing Point 0°C (32°F)
Specific Gravity 1.02
Volatile %, max 82.0% by weight
VOC, Max 92 grams per liter minus water

Deck & Fence Formula MSDS

CONTINUED



SECTION 04: FIRE AND EXPLOSION HAZARD DATA

Flammability Class: N/A **Flash Point:** N/A **LEL:** N/A

WHMIS Class Non-combustible liquid

Extinguishing Media:

Foam, dry chemical, carbon dioxide or any Class B extinguishing agent. Water may be unsuitable as an extinguishing media, but helpful in keeping adjacent containers cool.

Special Firefighting Procedures:

Firefighters and others exposed to vapors or products of combustion should wear self-contained breathing apparatus.

Unusual Fire & Explosion Hazards:

Closed containers may rupture when exposed to extreme heat.

Air oxidation of this product may cause it to spontaneously ignite. **To avoid spontaneous combustion, soak soiled rags, spray booth filters and over spray wastes in a water-filled container.**

SECTION 05: HEALTH HAZARD DATA

Skin Contact: Repeated exposure and washing may irritate the skin.

Inhalation: Excessive exposure to vapors or spray mists may cause irritation of the respiratory tract.

Eye Contact: May cause upper respiratory irritation.

Carcinogenicity: This material does not contain 0.1% or more of any substance which is listed as a carcinogen by NTP, TARC or OSHA.

First Aid: Skin: Wash with soap and water immediately.

Eyes: Flush with large quantities of water for 15 minutes and seek medical attention.

Ingestion: If ingested get medical attention immediately.

SECTION 06: REACTIVITY DATA

Chemical Stability: Stable

Incompatibility: Strong oxidizing agents

Reactivity Conditions: Not reactive

Haz. Decomp Products: Carbon Dioxide, Carbon Monoxide

SECTION 07: SPILL OR LEAK PROCEDURES

Leaks or spills: Wear protective equipment during cleanup. Ventilate area. Keep spectators away. Floor may be slippery. Contain spill with inert material or absorbent such as sawdust vermiculite or sand. Do not allow material to enter drain or waterways.

Waste Disposal: Allow the absorbed material to dry and landfill the solids in accordance with current federal, state, provincial and local regulations.



SECTION 08: SPECIAL PROTECTION INFORMATION

Clothing: Long sleeved cover-alls, rubber gloves, goggles and safety shoes are recommended.
Ventilation: General ventilation is required during normal use. Local ventilation may be required during certain operations, which generate fumes or spray mists.
Respiratory: A canister type respirator may be necessary if spray mists or fumes are generated. A NIOSH approved organic vapour mask with a dust/mist pre-filter is recommended.

SECTION 09: SPECIAL PRECAUTIONS

Precautions to be taken in handling and storing:
Avoid prolonged or repeated inhalation of heated vapours or spray mists. Keep away from heat or open flame. Avoid all skin contact.
Other Precautions: None known.

SECTION 10: SUPPLEMENTAL INFORMATION

Regulatory Information

TDG / DOT Not regulated
DSL / TSCA All raw materials listed
HMIS Rating: Health = 2 Fire = 0 Reactivity = 0

SARA & WHMIS Classification: This material is not considered as a hazardous substance as defined by SARA Title 111 regulations (40 CFR 372)

SARA SECTION 313 LISTED INGREDIENTS: This material does not contain any substance which is subject to the reporting requirements of 40 CFR 372

CANADIAN WHMIS CLASSIFICATION: D1A, D1B, D2B

Storage & Shipping: Keep from freezing.
TDG Class: Not Regulated
DOT: Not Regulated

Disclaimer : While Timber Pro Coatings believes the data contained herein are accurate and derived from qualified sources, the data are not to be taken as a warranty or representation for which Timber Pro Coatings assumes legal liability. They are offered solely for your consideration, investigation and verification. Any use of these data and information must be determined by the user to be in accordance with Federal, State and Provincial and local laws and regulations.



Deck & Fence Formula

Technical Data Sheet

March 2013

TR-Series

Description

Timber Pro Deck & Fence Natural Oil Wood finish is a premium exterior wood finish formulated with a unique blend of natural oils and resins. Deck & Fence Formula utilizes a unique formula which gives ultimate penetration into the wood. Deck and Fence formula not only accentuates the natural beauty of the wood but it also provides u protection against the damaging UV rays from the sun and destructive effects of the elements.

Where to Use

Timber Pro Deck and Fence Formula can be used on all new and reconditioned exterior wood. The Deck and Fence formula can be used on all wood species such as cedar, fir , pine ,cypress, redwood, spruce and pressure treated wood. The following are areas of use for the Deck and Fence Formula.

- Decks
- Fences

RESTRICTIONS

- Do not thin
- Do not apply over previously coated surfaces

Features and Benefits

- Low V.O.C.
- Excellent UV protection
- Excellent weathering properties
- Large color range
- Easy soap and water cleanup



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Color Range and Packaging

Color :

(TR series) Transparent

25 colors available

Packaging: 1 US Gallon
5 US gallon Pail

Properties

Viscosity -	20-23 secs Zahn cup #2
Gloss Level -	Satin 25-35 GU @ 60 degree
Solids by Weight -	17.8 % +/- 1%
Solids by Volume -	18.1% +/- 1%
V.O.C. -	92 g/l minus water
Weight per gallon-	8.49 lbs./Gal.
Specific Gravity-	1.02
Dry Time -	2-4 touch dry 16 hours through dry for heavy traffic Note dry times will be extended at low temperatures and high humidity

Shelf Life

Approximately two years in an unopened container

KEEP FROM FREEZING

Coverage

Smooth Wood: 300-400 square feet per gallon

Rough Wood : 150 – 200 square feet per gallon

Hardwoods: 400-450 square feet per gallon

Note : Coverage will vary with the porosity of the wood



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Application

Use a spray applicator , nylon polyester brush or paint pad

Clean Up

With soap and mild detergent

Product Disclaimer

The technical information and suggestions for use herein are based on Timber Pro Coatings Ltd research and experience and believed to be reliable. But such information and suggestions do not constitute a warranty. Since Timber Pro Coatings has no control over the conditions under which the product is transported, stored, handled, used or applied, buyers must determine for themselves by preliminary tests or otherwise the suitability of the product for their purposes.

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