



## Timber Pro XP

## Technical Data Sheet

Rev2: March 2014

**Clear**

**TR-Series**

**ST-Series**

**SS-Series**

### Description

Timber Pro XP is a premium quality 100% acrylic exterior or interior wood finish. Timber Pro XP not only accentuates the natural beauty of the wood but it also provides unsurpassed protection against the damaging UV rays from the sun and destructive effects of the elements.

### Where to Use

Timber Pro XP can be used as a two or three coat system on all new and reconditioned wood exterior and interior vertical surfaces. Timber Pro XP can be used on all wood species such as cedar, fir, pine, cypress, redwood, spruce exterior grade plywood and pressure treated wood. The following are areas of use for the Log and Siding Formula.

- log homes
- exterior sidings
- doors / windows
- side wall shingles
- side wall shakes
- outdoor furniture
- trim
- planters

### RESTRICTIONS

- Do not use clear alone for exterior surfaces. Always use a color from one of the color series before using the clear
- Do not thin
- Do not apply over previously coated surfaces.
- Do not apply in direct sunlight or in temperatures above 25C. – 80F.
- Avoid application when dew or moisture is present.

### Features and Benefits

- |                           |   |
|---------------------------|---|
| • Low Odor                | Applicator Friendly                         |
| • Low V.O.C.              | Environmentally Friendly                    |
| • Excellent UV protection | Screens the wood from UV degradation        |
| • Water Repellent         | Protect against damage from water intrusion |
| • Large color range       | Available in all Timber Pro colors          |
| • Water Based             | Easy soap and water cleanup                 |
| • Breathable              | Allows moisture in the wood to escape       |
| • Fungi Resistant         | Impedes the growth of micro-organisms       |
| • Fast Drying             | Speeds application process                  |



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### Color Range and Packaging

**Color :** Clear

(TR series ) Transparent

25 colors available

(ST series ) Semi Transparent

22 colors available

(SS series ) Semi Solid

14 colors available

**Packaging:** 1 US Gallon  
5 US gallon Pail

### Properties

**Viscosity -** 400 Cps/25C. (77F.)

**Gloss Level -** Satin 35 - 40 GU @ 60 degree

**Solids by Weight -** 35 % +/- 1%

**Solids by Volume -** 31% +/- 1%

**V.O.C. -** 147 g/l minus water

**Weight per gallon-** 8.4 lbs./Gal.

**Specific Gravity-** 1.01

**Dry Time -** May be recoated after a minimum of 2 hours.  
Low temperatures or high humidity may extend dry time

### Shelf Life

Approximately five years in an unopened container

**KEEP FROM FREEZING**

### Coverage

Smooth Wood: 250-300 square feet per gallon

Rough Wood : 150 – 200 square feet per gallon

Hardwoods: 300-400 square feet per gallon

Note : Coverage will vary with the porosity of the wood



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### Application

- Do a color test before proceeding with entire job. Apply the number of coats recommended for your application
- Check moisture content of the wood. Apply coating when the surface moisture is less than 21%
- Stir material thoroughly before and occasionally during use.
- Best results are with a quality nylon polyester brush. Airless sprayer application is acceptable but must be immediately back brushed.
- Siding may be pre coated with one or two coats of Timber Pro XP before installation. Back priming is recommended for siding.
- Generously coat the surface and all exposed end grain. Apply as liberally as possible without runs. Do not try to stretch the coverage. Apply in the direction of the grain. On rough sawn surfaces thoroughly saturate and back brush to soak as much product as possible into the wood. If spraying, spray until product runs slightly and then immediately back brush.
- Avoid lap marks by starting at one end of a given surface and while maintaining a wet edge, follow through to the opposite end of the surface area.

### Clean Up

With soap or mild detergent and water

### 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.

#### **Timber Pro Coatings Ltd**

#140-12051 Horseshoe Way, Richmond, BC V7A 4V4

Ph: 604-270-4244 Fax: 604-270-4247 Toll Free: 1-877-666-4244

Email: [canadainfo@timberprocoatings.com](mailto:canadainfo@timberprocoatings.com)



# M A T E R I A L   S A F E T Y   D A T A   S H E E T

REVISION DATE : 18/02/2016

PAGE : 1/6

VERSION :1.0

## 1    PRODUCT   AND   MANUFACTURER   IDENTIFICATION

PRODUCT NAME: TIMBER PRO XP CLEAR  
PRODUCT CODE: TP TIMBERPROXP (M14-3925)  
PRODUCT USE : WB STAIN

MANUFACTURER'S NAME: Timber Pro Coatings Ltd  
ADDRESS : 140-12051 Horseshoe Way  
Richmond, B.C.  
CANADA V7A 4V4

EMERGENCY PHONE : 1 604-270-4244      PREPARATION DATE : 18/02/16  
INFORMATION PHONE : 1 604-270-4244      NAME OF PREPARER : Timber Pro Coatings

## 2    HAZARDS   IDENTIFICATION

EMERGENCY OVERVIEW:  
APPEARANCE :

FORM : LIQUID  
COLOR :PAINT COLOR  
ODOUR : FAINT ODOUR  
POTENTIAL HEALTH EFFECTS :  
PRIMARY ROUTES OF ENTRY :    INHALATION  
   EYE CONTACT  
   SKIN CONTACT

EYES: DIRECT CONTACT WITH MATERIAL CAN CAUSE THE FOLLOWING :  
SLIGHT IRRITATION  
SKIN: PROLONGED OR REPEATED SKIN CONTACT CAN CAUSE THE FOLLOWING :  
SLIGHT IRRITATION

INHALATION : INHALATION OF VAPOUR OR MIST CAN CAUSE THE FOLLOWING :  
IRRITATION OF NOSE , THROAT , LUNGS , HEADACHE AND NAUSEA  
NFPA RATINGS FOR THIS PRODUCT ARE : HEALTH 1 , FLAMMABILITY 1 ,INSTABILITY 0  
HMIS RATINGS FOR THIS PRODUCT ARE : HEALTH 1 , FLAMMABILITY 1 ,REACTIVITY 0  
HAZARD SCALE : 0=MINIMAL 1=SLIGHT 2=MODERATE 3=SERIOUS 4=SEVERE

## 3    COMPOSITION / INFORMATION   ON   INGREDIENTS

REPORTABLE COMPONENTS	CAS NUMBER		VAPOR PRESSURE mm Hg @ TEMP	WEIGHT PERCENT
TRIMETHYLPENTANEDIOL	25265-77-4	0.01	20 °C	0.1 - 1.5
MONOISOBUTYRATE	LD50 ORAL RAT 3200 mg/Kg;			



REVISION DATE : 18/02/2016  
VERSION :1.0

PAGE : 2/6

LISTED ON THE DOMESTIC SUBSTANCE LIST (DSL): YES

#### **4 FIRST AID MEASURES**

GENERAL ADVICE :  
REMOVE CONTAMINATED CLOTHING:

INHALATION : MOVE TO FRESH AIR.

SKIN CONTACT : WASH WITH WATER AND SOAP AS A PRECAUTION. IF SKIN IRRITATION PERSISTS , CALL PHYSICIAN.

EYE CONTACT : RINSE WITH PLENTY OF WATER. IF EYE IRRITATION PERSISTS , CONSULT A SPECIALIST.

INGESTION : IMMEDIATELY RINSE MOUTH AND THEN DRINK PLENTY OF WATER , DO NOT INDUCE VOMITING , SEEK MEDICAL ATTENTION. NEVER INDUCE VOMITING OR GIVE ANYTHING BY MOUTH IF THE VICTIM IS UNCONSCIOUS OR HAVING CONVULSIONS.

#### **5 FIRE- FIGHTINGFIRST MEASURES**

FLASH POINT: 95 °C  
LOWER EXPLOSION LIMIT : NOT APPLICABLE  
UPPER EXPLOSION LIMIT : NOT APPLICABLE  
FLAMMABILITY : DOES NOT IGNITE  
SELF IGNITION TEMPERATURE : NOT SELF IGNITING

METHOD USED: C/C

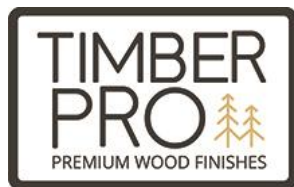
SUITABLE EXTINGUISHING MEDIA:  
WATER SPRAY , DRY POWDER , FOAM ,CARBON DIOXIDE

HAZARDS DURING FIRE FIGHTING : NO PARTICULAR HAZARDS KNOWN.

PROTECTIVE EQUIPMENT FOR FIRE FIGHTING :  
FIREFIGHTERS SHOULD BE EQUIPPED WITH SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE SUIT.

SPECIAL FIREFIGHTING PROCEDURES:  
USE RESPIRATOR WHEN FIRE IS IN AN ENCLOSED AREA

FURTHER INFORMATION :  
DISPOSE OF FIRE DEBRIS AND CONTAMINATED EXTINGUISHING WATER IN ACCORDANCE WITH OFFICIAL REGULATIONS.PRODUCT ITSELF IS NON COMBUSTIBLE , FIRE EXTINGUISHING METHOD OF SURROUNDING AREAS MUST BE CONSIDERED.



REVISION DATE : 18/02/2016  
VERSION :1.0

PAGE : 3/6

## **6 ACCIDENTAL RELEASE MEASURES**

PERSONAL PRECAUTIONS :

USE PERSONAL PROTECTIVE CLOTHING . AVOID CONTACT WITH SKIN AND EYES.

ENVIRONMENTAL PRECAUTIONS

DO NOT RELEASE UNTREATED INTO NATURAL WATERS.

METHODS FOR CLEANING

DO NOT RELEASE UNTREATED INTO NATURAL WATERS

METHODS FOR CLEANING UP :

CONTAIN SPILLS IMMEDIATELY WITH INERT MATERIAL (E.G., SAND, EARTH. DISPOSE OF ABSORBED MATERIAL IN ACCORDANCE WITH REGULATIONS.

FOR LARGE AMOUNTS : PUMP OFF PRODUCT.

FURTHER INFORMATION :

HIGH RISK OF SLIPPING DUE TO LEAKAGE / SPILLAGE OF PRODUCT.

## **7 HANDLING AND STORAGE**

HANDLING:

AVOID CONTACT WITH EYES, SKIN AND CLOTHING. WASH THOROUGHLY AFTER HANDLING.KEEP CONTAINER TIGHTLY CLOSED.DO NOT BREATHE VAPORS, MIST OR GAS.

FURTHER INFORMATION ON STORAGE CONDITIONS. KEEP FROM FREEZING -PRODUCT STABILITY MAY BE AFFECTED. STIR WELL BEFORE USE.

STORAGE :STORAGE TEMP 1- 49 °C (34-120 °F)

## **8 EXPOSURE CONTROLS AND PERSONAL PROTECTION**

PERSONAL PROTECTIVE EQUIPMENT :

RESPIRATORY PROTECTION :

WEAR A NIOSH-CERTIFIED (OR EQUIVALENT) ORGANIC VAPOUR / PARTICULATE RESPIRATOR AS NEEDED.

HAND PROTECTION :

CHEMICAL RESISTANT PROTECTIVE GLOVES.

EYE PROTECTION:

TIGHTLY FITTING SAFETY GOGGLES (CHEMICAL GOGGLES).WEAR FACE SHIELD IF SPLASHING HAZARD EXISTS.

PROTECTIVE MEASURES:

FACILITIES STORING OR UTILIZING THIS MATERIAL SHIOULD BE EQUIPPED WITH AN EYE WASH FACILITY.



## 9 PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE: 190 °C  
VAPOR DENSITY: NA  
REVISION DATE : 18/02/2016  
VERSION :1.0

SPECIFIC GRAVITY (H<sub>2</sub>O=1): 1.04

PAGE : 4/6

EVAPORATION RATE: NA  
COATING V.O.C. : 25.10 GRAMS/LTR  
SOLUBILITY IN WATER: NA  
APPEARANCE AND ODOR: COLORED LIQUID  
FREEZING POINT: 0 DEGREE CELSIUS  
COEFFICIENT OF WATER/OIL DIST: NA

pH: NA  
ODOR THRESHOLD: NA

## 10 STABILITY AND REACTIVITY

HAZARDOUS REACTIONS : NONE KNOW.

STABLE

MATERIALS TO AVOID : THERE ARE NO KNOWN MATERIALS WHICH ARE INCOMPATIBLE WITH THIS PRODUCT.

POLYMERIZATION : PRODUCT WILL NOT UNDERGO POLYMERIZATION.

## 11 TOXICOLOGICAL INFORMATION

NO DATA ARE AVAILBLE FOR THIS MATERIAL. THE INFORMATION SHOWN IS BASED ON PROFILES OF COMPOSITIONALLY SIMILLAR MATERIALS.

ACUTE TOXICITY

ORAL:

TYPE OF VALUE: LD50

SPECIES : RAT

VALUE: >2000 - 10000 MG/KG

ACUTE TOXICITY

DERMAL:

TYPE OF VALUE: LD50

SPECIES : RABBIT

VALUE: >2000 - 10000 MG/KG

IRRITATION / CORROSION

SKIN:

SPECIES: RABBIT

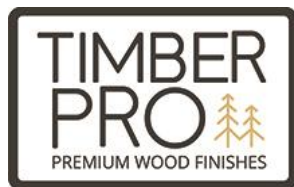
RESULT: NOT IRRITANT

METHOD : OECD GUIDELINE: 404

EYE:

SPECIES: RABBIT

RESULT: NOT IRRITANT



METHOD : OECD GUIDELINE: 405

## 12 ECOLOGICAL INFORMATION

FISH:

ACUTE:

REVISION DATE : 18/02/2016

PAGE : 5/6

VERSION :1.0

OECD GUIDELINE 203 STATIC

BRACHYDANIO RERIO/LC50(96H): >100 MG/L

AQUATIC INVERTEBRATES:

ACUTE:

OECD GUIDELINE 202 PART 1 STATIC

DAPHNIA MAGNA/EC50(48H): >100 MG/L

AQUATIC PLANTS:

TOXICITY TO AQUATIC PLANTS

OECD GUIDELINE 201 GREEN ALGAE/EC50(72H):>100 MG/L

NOMINAL CONCENTRATION.

MICROORGANISMS:

TOXICITY TO MICROORGANISMS:

DIN EN ISO 8192-OECD 209-88/302/EEC.P.C ACTIVATED SLUDGE, DOMESTIC /EC20(0.5H):  
>100 MG/L

THE INHIBITION OF THE DEGRADATION ACTIVITY OF ACTIVATED SLUDGE IS NOT ANTICIPATED WHEN INTRODUCED TO BIOLOGICAL TREATMENT PLANTS IN APPROPRIATE LOW CONCENTRATIONS.

DEGRADABILITY / PERSISTENCE

BIOLOGICAL / ABIOLOGICAL DEGRADATION

TEST METHOD: OECD 302B:ISO 9888 :88/302/EEC,PART C

METHOD OF ANALYSIS : DOC REDUCTION

DEGREE OF ELIMINATION :>70 %

EVALUATION: EASILY ELIMINATED FROM WATER.

THE PRODUCT CAN BE VIRTUALLY ELIMINATED FROM WATER BY ABIOTIC PROCESSES E.G ADSORPTION ONTO ACTIVATED SLUDGE.

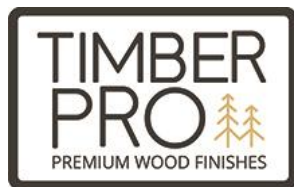
BIOCCUMULATION:

BASED ON ITS STRUCTURAL PROPERTIES, THE POLYMER IS NOT BIOLOGICALLY AVAILABLE ACCUMULATION IN ORGANISMS IS NOT TO BE EXPECTED.

OTHER ADVERSE EFFECTS :

DO NOT RELEASE UNTREATED INTO NATURAL WATERS. AT THE PRESENT STATE OF KNOWLEDGE NO NEGATIVE ECOLOGICAL EFFECTS ARE EXPECTED.  
ECOLOGICAL DATA ARE DETERMINED BY ANALOGY.





## **13 DISPOSAL CONSIDERATIONS**

WASTE DISPOSAL OF SUBSTANCE :

INCINERATE OR DISPOSE OF IN A LICENSED FACILITY. DO NOT DISCHARGE INTO DRAINS / SURFACE WATER / GROUND WATER.

REVISION DATE : 18/02/2016  
VERSION :1.0

PAGE : 6/6

CONTAINER DISPOSAL :

DISPOSE OF IN A LICENSED FACILITY. RECOMMEND CRUSHING , PUNCTURING OR OTHER MEANS TO MEANS TO PREVENT UNAUTHORIZED USE OF USED CONTAINERS.

## **14 TRANSPORT INFORMATION**

LAND TRASPORT

TDG : NOT CLASSIFIED AS A DANGEROUS GOOD UNDER TRANSPORT REGULATIONS.

SEA TRANSPORT

IMDG : NOT CLASSIFIED AS A DANGEROUS GOOD UNDER TRANSPORT REGULATIONS.

AIR TRANSPORT :

IATA / ICAO : NOT CLASSIFIED AS A DANGEROUS GOOD UNDER TRANSPORT REGULATIONS.

## **15 REGULATORY INFORMATION**

FEDERAL REGULATIONS:

REGISTRATION STATUS:

CHEMICAL DSL, CA RELEASED / LISTED

NOT WHMIS CONTROLLED:

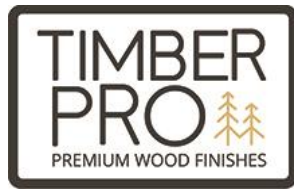
THIS PRODUCT HAS BEEN CLASSIFIED IN ACCORDANCE WITH THE HAZARD CRITERIA OF THE CPR (CONTROLLED PRODUCTS REGULATIONS) AND THE MSDS CONTAINS ALL THE INFORMATION REQUIRED BY THE CPR.

CANADA, ENVIRONMENTAL PROTECTION ACT (DSL) ALL COMPONENTS OF THIS PRODUCT ARE IN COMPLIANCE WITH THE INVENTORY LISTING REQUIREMENTS OF THE NEW SUBSTANCES NOTIFICATION REGULATIONS.

US TOXIC SUBSTANCES CONTROL ACT (TSCA) 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.

WHMIS HAZARDOUS CLASS :

D2B TOXIC MATERIALS



## **16    DISCLAIMER**

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