



# Safety Data Sheet

## Tonic

### Section 1. Chemical product and company identifications

**Common name:** Tonic

**Product code:** 60429

**Chemical family:** Acrylic water-based finish for wood and laminate floors.

**CAS:** Mixture

**Synonyms:** Not applicable

**Supplier / Manufacturer:**

**Finitec Hardwood Products Inc.**

150, Leon-Vachon

St-Lambert-de-Lauzon (Quebec)

Canada G0S 2W0

Phone: (418) 889-9910

Fax: (418) 889-9915

**In case of emergency:** CANUTEC: (613) 996-6666

Or contact your local poison control center.

### Section 2. Hazards identifications

**Physical state:** Liquid

**Warning:** The product is mildly toxic and can cause mild eye and skin irritation, especially in case of sensitivity. If large quantities are inhaled, may affect respiratory system.

**Routes of entry:** Eyes, skin, inhalation, ingestion.

**Potential acute effects**

- **Eyes:** The product can cause eye irritation.
- **Skin:** The product may cause irritation. Toxic if absorbed.
- **Inhalation:** The product can cause irritation to the respiratory tract. Toxic if inhaled.
- **Ingestion:** If ingested, product may cause irritation to the gastrointestinal tract. Toxic if ingested.

**Potential chronic effects:** See *Toxicological Information (section 11)*.

### Section 3. Composition and information on ingredients

<u>Name</u>	<u>CAS</u>	<u>Concentration %</u>
Diethylene glycol methyl ether	111-77-3	1% to 5%
Tripropylene glycol methyl ether	25498-49-1	1% to 3%
Tri(butoxyethyl) phosphate	78-51-3	1% to 2%

### Section 4. First aid measures

**Eye contact:** Flush eyes with running water for at least 15 minutes, keeping eyelids open immediately. Take care not to contaminate unaffected areas. Consult a doctor immediately.

**Skin contact:** Wash the affected area with soap and water and rinse immediately with plenty of running water. Get medical attention if irritation symptoms arise.

**Inhalation:** If symptoms of respiratory irritation arise following inhalation of the product, move the victim to fresh air. If symptoms persist or worsen, contact emergency services immediately.

**Ingestion:** In cases of ingestion of large amounts of product, DO NOT induce vomiting. Consult a doctor immediately.

**Note:** For any situation where the victim should consult a doctor or emergency services should go to the scene of incident to an intervention or medical transportation, make sure you give a copy of this MSDS with the victim if his health permits, an accompanying person or emergency services so that it is readily available for emergency physicians and / or physicians.

## **Section 5. Fire fighting measures**

**Flammability of the product:** Not flammable

**Lower limit of flammability:** Not available

**Upper limit of flammability:** Not available

**Flammability temperature:** Not available

**Flash point:** >100°C

**Products of combustion:** Carbon dioxide (CO<sub>2</sub>), Carbon monoxide (CO), Nitrogen oxide, Halogenated compounds.

**Fire hazards in presence of various substances:** Data not available

**Fire fighting media and instructions:** Extinguishing media such as water fog, carbon dioxide or alcohol resistant foam. Do not use water spray as it will spread fire.

## **Section 6. Accidental release measures**

**Personal precautions:** Wear appropriate clothing and protective equipment when cleaning liquid chemicals.

**Environmental precautions:** Prevent infiltration into drains, sewers and water courses.

**Methods for cleaning up:** Absorb spill with inert absorbent and non-combustible materials, such as universal absorbents or vermiculite. Transfer absorbed substance in a suitable container for disposal in accordance with federal, provincial and local laws.

## **Section 7. Handling and storage**

**Handling:** Wear all personal protective equipment according to the task. Properly apply the professional and personal hygiene procedures such as washing hands before eating. Prohibit eating, drinking and smoking in contaminated areas. Use safety procedures to avoid accidents.

**Storage:** It is recommended to store the product at room temperature. Keep out of reach of children.

## **Section 8. Exposure Controls, Personal Protections**

**Engineering controls:** Ensure adequate ventilation and good air output to keep contaminant concentrations below the permissible exposure limits.

**Eyes:** Wear safety glasses with side shields.

**Respiratory:** During routine operations, respiratory protection is not required. If exposure limits are exceeded, wear appropriate respiratory protection.

**Hands:** Wear chemical resistant gloves.

**Skin/body:** According to task.

**Other:** Eyewash and emergency shower must be available on site.

## **Section 9. Physical and chemical properties**

**Molecular mass:** Data not available

**Physical status:** Liquid

**Appearance:** Translucent white

**Odour:** Light

**Threshold odour:** Data not available

**Density at 25°C (g/ml):** 1.03-1.04

**Freezing point:** Data not available

**Boiling point:** Data not available

**Vapour tension:** Data not available

**Density of vapour:** Data not available

**Coefficient of division (water/oil):** Data not available

**Water solubility (Air=1):** Miscible in water

**Rate of evaporation:** Data not available

**Volatility:** 80 ± 1 % (w/w)

**Viscosity:** 23-25 sec (Zahn 2)

**pH:** 9.5 ± 0.2

## **Section 10. Stability and reactivity**

**Stability and reactivity:** Stable

**Incompatibility:** Oxidizing agents.

**Hazardous decomposition products:** Thermal decomposition products such as carbon dioxide (CO<sub>2</sub>).

**Conditions to avoid:** High temperatures, heat, open flames and contact with incompatible materials.

**Hazardous polymerization:** Will not occur

## Section 11. Toxicological information

### Information on ingredients:

<u>Name</u>	<u>CAS</u>	<u>LD<sub>50</sub></u>	<u>LC<sub>50</sub></u>
Diethylene glycol methyl ether	111-77-3	Rat (Oral) 7,000 mg/kg Rabbit (Dermal) 20,400 mg/kg Rabbit (Dermal) 9,404 mg/kg	N/A
Tripropylene glycol methyl ether	25498-49-1	Rat (Oral) 3,200 mg/kg	N/A
Tri(butoxyethyl)phosphate	78-51-3	Rat (Oral) 3,000 mg/kg Rabbit (Dermal) >2,050 mg/kg	Rat (Inhalation) 6.4 mg/l – 4h

**Routes of entry:** Eyes, skin, inhalation, ingestion.

### Potential acute effects

- **Eyes:** The product can cause eye irritation.
- **Skin:** The product may cause irritation. Toxic if absorbed.
- **Inhalation:** The product can cause irritation to the respiratory tract. Toxic if inhaled.
- **Ingestion:** If ingested, product may cause irritation to the gastrointestinal tract. Toxic if ingested.

### Potential chronic effects:

**Carcinogenicity:** No components have been confirmed as carcinogenic.

**Reproductive toxicity:** Test on laboratory animals show that overexposure may cause reproductive disorders.

**Teratogenicity:** Suspected human reproductive toxicant. Possible risk of congenital malformation in the foetus.

## Section 12. Ecological information

### Ecological data:

<u>Name</u>	<u>Results</u>	<u>Species</u>	<u>Period</u>
Diethylene glycol methyl ether	LC <sub>50</sub> - 7,500 mg/l	Lepomis Macrochirus	96h
	LC <sub>50</sub> - 5,741 mg/l	Pimephales promelas	96h
	EC <sub>50</sub> - 1,192 mg/l	Daphnia Manga	48h
	EC <sub>50</sub> - 1,000 mg/l	Selenastrum capricornutum	96h
Tri(butoxyethyl)phosphate	LC <sub>50</sub> - 24 mg/l	Oncorhynchus mykiss	96h
	EC <sub>50</sub> - 53 mg/l	Daphnia magna	48h

**Effects on environment:** May be harmful to aquatic life

**Environmental precautions:** Avoid release into environment and sewers.

**Breakdown products:** No data available

**Toxicity of the biological breakdown products:** No data available

## Section 13. Disposal considerations

**Waste disposal:** Dispose of this product in accordance with federal, provincial and local laws.

## Section 14. Transportation information

**Classification DOT/ IMDG/IATA label:** Not regulated as dangerous good

## Section 15. Regulatory information

**GHS (Globally Harmonized System of Classification and Labelling of Chemicals):**



Reproductive toxicity (Category 2)



Acute toxicity, Dermal, Oral, Inhalation (Category 4)

Skin and eye irritation (Category 4)

Specific target organ toxicity – single exposure (Category 3)



Acute aquatic toxicity (Category 4)

### Hazard statements:

H303: May be harmful if swallowed  
H312: Harmful in contact with skin  
H315: Causes skin irritation  
H320: Causes eye irritation  
H335: May cause respiratory irritation  
H402: Harmful to aquatic life

### Precautionary statements

P102: Keep out of reach of children.  
P264: Wash hands and skin thoroughly after handling.  
P270: Do not eat, drink or smoke when using this product.  
P273: Avoid release to the environment

### UNITED STATES:

#### NFPA rating



Health: 0  
Flammable: 0  
Reactivity: 0  
Special conditions: 0

Legend: 4: Severe, 3: High, 2: Moderate, 1: Slightly, 0: Not hazardous

### REACH (EU):

**ESIS - European chemical Substances Information System** : Composite

**REACH - Registration, Evaluation, Authorisation and Restriction of Chemical substances** : Composite

**List of Registered Substances Phase-in :**

**Registered like:**

EC No.	CAS RN	Substance name	Full	OSII	TII
203-906-6	111-77-3	Diethylene glycol methyl ether	-		
247-045-4	25498-48-1	Tripropylene glycol methyl ether	-		
201-122-9	78-51-3	Tri(butoxyethyl) phosphate	-		

Full Indicates registration under REACH Article 10 as a full folder.

OSII Indicates registration under REACH Article 17 as an isolated intermediate on site (OSII).

TII Indicates registration under REACH Article 18 as a transported isolated intermediate (TII).

'Yes' Indicates the registration of the substance with REACH is complete.

'In Process' Indicates that a file on the substance has been successfully submitted to ECHA and gets treated, NB Compliance monitoring is ongoing (and could be unsuccessful).

### CANADA :

**SIMDUT (Canada) :**



D2B – Toxic material causing other effects

D2A – Very toxic material causing other toxic effects.

## Section 16. Additional information

**Date of issue:** July 30<sup>th</sup> 2015

**Version:** 1

**Elaborated by:** Toxyscan inc., 1-866-780-0599

### References:

- ANSI Z400.1, MSDS Standard, 2001.
- Manufacturer's Material Safety Data Sheet.
- 29CFR Part1910.1200 OSHA MSDS Requirements.
- 49CFR Table List of Hazardous Materials, UN#, Proper Shipping Names, PG. -Canada
- Gazette Part II, Vol. 122, No. 2 Registration SOR/88-64 31 December, 1987 Hazardous Products Act "Ingredient Disclosure List".
- Federal act on the controlled products
- Canadian Transport of Dangerous Goods, Regulations and Schedules, Clear Language version 2002.
- Toxicological repertory, HSC.
- Material safety data sheet from the components.

**Notice to reader:**

To the best of our knowledge, the information contained herein is accurate. However, neither Produits de Plancher Finitec inc., Toxyscan inc., or any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.