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## MATERIAL SAFETY DATA SHEET

# SATINWOOD GLOSS

### 1. PRODUCT AND COMPANY IDENTIFICATION

**Product name:** SATINWOOD GLOSS  
**Product type:** Exterior/interior water repellent sealer and high sheen wood finish  
**Supplier:** **TIMBERLIFE (PTY) LTD**  
P.O. Box 73117, Lynnwood Ridge 0040, South Africa  
Tel.: + 27-12-803-8595  
Fax: + 27-12-803-8462  
E-mail: [timberlife@icon.co.za](mailto:timberlife@icon.co.za)  
Website: [www.timberlife.co.za](http://www.timberlife.co.za)

### 2. COMPOSITION / INFORMATION ON INGREDIENTS

#### Chemical nature and use:

**Satinwood Gloss** is a mixture of drying oils, resins, waxes, UV absorbers, light stabilizers and fungicidal/algicidal additives in aliphatic and aromatic petroleum solvents.

**Satinwood Gloss** is a high quality exterior/interior solvent-based penetrating sealer. It provides a water repellent, high sheen/medium gloss clear finish that enhances the natural colour and beauty of wood. It contains an unique blend of high quality drying oils, resins and water repellent wax components as well as fungicidal/algicidal additives to control mould growth and fungal staining. **Satinwood Gloss** also contains high performance UV absorbers and light stabilizers to protect the coating against the harmful effects of sunlight exposure. These active ingredients are dissolved in a formulated solvent carrier that deeply penetrates, nourishes and stabilizes the wood to ensure exceptional protection against water uptake and UV degradation. It can also be tinted to various shades of brown using Timberlife **SOLV-TINTS** that contain high quality, colour fast transparent iron oxide pigments.

#### Fungicidal/algicidal active ingredients:

3 - (3,4 - dichlorophenyl) - 1,1 - dimethylurea (Diuron) .....	3,50 g a.i./ℓ (nom.)
3 - iodo - 2 - propinyl - butylcarbamate (IPBC) .....	1,25 g a.i./ℓ (nom.)
2 - octyl - 2H - isothiazol - 3 - one (OIT) .....	1,25 g a.i./ℓ (nom.)

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## **Other ingredients:**

Blend of drying oils, resins, waxes, UV absorbers and light stabilizers in aliphatic and aromatic petroleum solvents.

## **3. HAZARD IDENTIFICATION**

### **Most important hazards:**

- Human health effects

Moderately toxic if ingested

May cause moderate irritation to skin

May cause moderate irritation and is harmful to eyes  
Irritating and harmful toxic by prolonged inhalation.

- Environmental effects

Toxic to both plant and aquatic life

- Physical hazards

Flammable. Thermal decomposition results in release of toxic fumes.

## **4. FIRST-AID MEASURES**

### **Ingestion:**

Seek medical attention immediately. Do not induce vomiting. Drink lots of milk or water to dilute. If vomiting occurs, drink more water. Note: Do not give anything orally to an unconscious person.

### **Skin contact:**

Immediately remove all contaminated clothing and wash with soap and water. If irritation develops and persists, seek medical attention.

### **Eye contact:**

Immediately flush with fresh water for at least 15 minutes. Seek medical attention if irritation develops and persists.

### **Inhalation:**

Remove patient to fresh air. Administer oxygen and seek medical attention if necessary.

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## 5. FIRE-FIGHTING MEASURES

### Extinguishing media:

Use dry chemical powder, sand, foam or CO<sub>2</sub>.

### Flammability:

Product is flammable due to oil, resin, wax and solvent content.

### Specific Hazards:

May release irritating and toxic gases in case of fire.

### Protective clothing:

Self contained breathing apparatus. PVC gloves. Cotton or polyester overalls. Safety glasses or goggles.

## 6. ACCIDENTAL RELEASE MEASURES

### Personal precautions:

Wear gloves, safety glasses or splash-proof goggles and cotton or polyester overalls. In confined spaces wear respiratory equipment.

### Environmental precautions:

Avoid contamination of rivers, dams or canals.  
Prevent spillage from entering drains and ditches.

### Methods for cleaning up:

Absorb or dike with inert material such as sand or diatomaceous earth. Then dispose of at a class 1 disposal site.

## 7. HANDLING AND STORAGE

### Handling:

Avoid contact with eyes and skin.

Avoid inhalation of spray and vapour.

The use of suitable gloves and eye face protection is recommended.

In case of contact with the skin and eyes, immediately wash with soap and water.

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Do not eat, drink or smoke while using the product.

Do not discharge into rivers, dams and canals.

## **Storage:**

Keep out of reach of children, uninformed persons, and animals.

Do not store near sources of sparks, flame or heat.

Store in a cool, dry place away from food and foodstuffs.

Keep containers tightly closed.

## **8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

**Occupational Exposure Limit** : TLV/TWA : 500 ppm (ACGIH) calculated.

### **Personal protective equipment:**

Wear suitable protective clothing such as overalls, rubber gloves and safety goggles during handling and use of the product.

In confined spaces the use of approved respiratory equipment for protection from mists of pesticides is recommended.

### **Hygiene measures:**

Wash hands with soap and water before eating, drinking or smoking.

Wash overalls and clothes regularly.

## **9. PHYSICAL AND CHEMICAL PROPERTIES**

<b>Physical state</b>	: Organic liquid
<b>Colour</b>	: Transparent amber colour
<b>Odour</b>	: Slightly aromatic
<b>pH</b>	: Slightly acidic
<b>Temperature stability</b>	: Stable at temperatures of up to 60°C
<b>Melting point</b>	: Not determined
<b>Decomposition temperature</b>	: Above 60°C
<b>Flammability</b>	: Flammable due to oil, resin, wax and solvent content
<b>Explosion properties</b>	: Not established
<b>Flash point</b>	: 39°C
<b>Density @ 20°C</b>	: ± 0,85 kg/ℓ
<b>Solubility</b>	: Aliphatic and aromatic solvents

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## 10. STABILITY AND REACTIVITY

- Stability** : Stable in neutral and slightly acidic media  
**Conditions to avoid** : Elevated temperatures  
**Materials to avoid** : Strong oxidants  
**Hazardous decomposition products** : Toxic fumes of SO<sub>x</sub>, CO, Cl<sup>-</sup> and NO<sub>x</sub> may be evolved on combustion

## 11. TOXICOLOGICAL INFORMATION

- Acute toxicity** :  
(Based on Diuron active ingredient ; See Section 2)
- Oral LD<sub>50</sub> (rat) - 3400 mg/kg
  - Dermal LD<sub>50</sub> (rat) - Over 5000 mg/kg
  - Inhalation LC<sub>50</sub> (rat) - Over 1 mg/ℓ of air over 4 hours
- Local effects** : See Section 3, "Human health effects"
- Chronic toxicity** : No evidence of carcinogenic or mutagenic effects  
Irritant for skin, eye and mucous membranes  
May cause dermatitis if absorbed by the skin over a long period

## 12. ECOLOGICAL INFORMATION

- Environmental effects** : See Section 3, "Environmental effects"
- Mobility** : Active ingredients have relatively low mobility and absorbs to soil.
- Degradability** : Practically biodegradable but has a bactericidal effect.
- Bioaccumulation** : Due to biodegradation and recommended application rates, it is unlikely that bioaccumulation will attain levels of environmental significance.
- Aquatic toxicity** :  
(Based on Diuron active ingredient; See Section 2)
- : 48 - hour EC<sub>50</sub>
  - : 12 mg/ℓ (Daphnia)
  - : 48 - hour LC<sub>50</sub>
    - 5,8 mg/ℓ (Carassius auratus)
    - 3,2 mg/ℓ (Cyprinus carpio)
    - 7,4 mg/ℓ (Bluegill sunfish)

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- : 72 - hour IC<sub>50</sub>  
0,022 mg/l (Scenedesmus subspicatus)
- : 96 - hour LC<sub>50</sub>  
5,9 mg/l (Bluegill sunfish)  
5,6 mg/l (Oncorhynchus mykiss)  
25 mg/l (Poecilia reticulata)

## 13. DISPOSAL CONSIDERATIONS

- Product waste** : Dispose of in accordance with prevailing disposal regulations. Avoid contamination of soil and water by waste product. Whenever possible, any waste product should be recovered and re-used.
- Packaging material** : Do not re-use containers. Puncture all plastic containers. Flatten all metal containers.

## 14. TRANSPORT INFORMATION

- UN Number** : 3082 (N.O.S. 3 - (3,4 - dichlorophenyl) - 1,1 - dimethylurea)
- ADR / RID** : 9 Subsidiary Risk 3
- IMDG / IMO** : 9 Subsidiary Risk 3
- ICAO / IATA** : 9 Subsidiary Risk 3
  
- Packaging Group** : III
- Road/Rail** : Hazardous substance, organic, liquid, flammable.
- Air / IATA** : Hazardous substance, organic, liquid, flammable.
- Sea** : Hazardous substance, organic, liquid, flammable.  
Marine pollutant.

## 15. REGULATORY INFORMATION

- Symbol** : X<sub>n</sub>, N
- Indication of danger** : Harmful, Dangerous for the environment.
  
- Risk phrases:**
- R 20/22** : Harmful by inhalation and if swallowed,
- R 36/37/38** : Irritating to eyes, respiratory system and skin.
- R 43** : May cause sensitisation by skin contact.
- R 51** : Toxic to aquatic organisms.

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**Safety phrases:**

- S 2** : Keep out of reach of children.
- S 23** : Do not breathe vapour/spray.
- S 24/25** : Avoid contact with skin and eyes.
- S 26** : In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
- S 36/37/38** : Wear suitable protective clothing, gloves and eye/face protection.
- S 61** : Avoid release to the environment.

**16. OTHER INFORMATION**

All information and instructions provided in this Material Safety Data Sheet (MSDS) are based on the current state of scientific and technical knowledge at the date indicated on the present MSDS and are presented in good faith and believed to be correct.

It is the responsibility of persons in receipt of this MSDS to ensure that the information contained herein is properly read and understood by all people who may use, handle, dispose or in any way come in contact with the product.

**Compiled:** April 2004