

**Hazardous Substance, Non - Dangerous Goods**

**1. MATERIAL AND SUPPLY COMPANY IDENTIFICATION**

**Product name:** **TWA Clear Water Repellant**

**Recommended use:** Ready to use clear timber finish and water repellent.

**Supplier:** Thomson White Australia Pty Ltd  
**ACN:** 057 661 319

**Street Address:** 250 Princes Highway  
 Dandenong Vic 3175  
 Australia

**Telephone:** 03 9791 8211  
**Facsimile:** 03 9791 8644

**Telephone (International):** +613 9791 8211  
**Fax (International):** +613 9791 8644

**Emergency telephone number:** 1800 039 008  
**International emergency number:** +61 1800 039 008

**2. HAZARDS IDENTIFICATION**

This material is hazardous according to health criteria of NOHSC Australia.

**Hazard Category:**

Xn Harmful  
 Xi Irritant

**Risk Phrase(s):**

R22: Harmful if swallowed.

**Safety Phrase(s)**

S24 Avoid contact with skin.  
 S36/37: Wear suitable protective clothing and gloves.  
 S62 If swallowed, do not induce vomiting; seek medical advice immediately and show this container or label.

Not classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for transport by Road and Rail.

**Poisons Schedule (Aust):** None Allocated

**3. COMPOSITION INFORMATION**

CHEMICAL ENTITY	CAS NO.	PROPORTION
3 - Iodo-2Propynyl butyl carbamate	55406-53-6	< 1%
<b>Other Ingredients:</b>		
Natural Drying Oils	-	30-40%
Distillate	8808-20-6	>60%
Transparent Pigment	-	< 5%
Driers	-	< 1%

#### 4. FIRST AID MEASURES

If poisoning occurs, contact a doctor or Poisons Information Centre (Phone Australia 131 126, New Zealand 0800 764 766).

**Inhalation:** Remove victim from exposure - avoid becoming a casualty. Remove contaminated clothing and loosen remaining clothing. Allow patient to assume most comfortable position and keep warm. Keep at rest until fully recovered. Seek medical advice if effects persist.

**Skin contact:** If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. If swelling, redness, blistering or irritation occurs seek medical assistance.

**Eye contact:** If in eyes, hold eyelids apart and flush the eyes continuously with running water. Continue flushing until advised to stop by the Poisons Information Centre or a Doctor; or for at least 15 minutes and transport to a Doctor or Hospital.

**Ingestion:** Immediately rinse mouth with water. If swallowed, do NOT induce vomiting. Give a glass of water to drink. Never give anything by the mouth to an unconscious patient. If vomiting occurs give further water. Seek immediate medical advice.

**Notes to physician:** Treat symptomatically. Inhalation or aspiration can cause onset of pulmonary oedema.

#### 5. FIRE-FIGHTING MEASURES

**Specific hazards:** Non-Flammable, however is a C1 combustible liquid.

**Fire fighting further advice:** On burning will emit toxic fumes, including those of oxides of carbon. Fire Fighters to wear self contained breathing apparatus and suitable protective clothing if risk of exposure to vapour or products of combustion.

**Hazchem Code:** Not applicable.

**Suitable extinguishing media:** Foam, dry agent (carbon dioxide, dry chemical powder).

#### 6. ACCIDENTAL RELEASE MEASURES

Slippery when spilt. Avoid accidents, eliminate all sources of ignition and clean up immediately. Wear protective equipment to prevent skin and eye contamination. Contain large volumes of spilt material with sand or earth. Collect using pump or vacuum and finish off with dry chemical absorbent and seal in properly labelled containers or drums for disposal. Contact the EPA if large quantities enter waterways or drains.

**Dangerous Goods – Initial Emergency Response Guide No:** Not applicable.

#### 7. HANDLING AND STORAGE

**Handling:** Before use carefully read the product label. Use of safe work practices are recommended to avoid eye or skin contact and inhalation. Observe good personal hygiene, including washing hands before eating. Extinguish any naked flame or ignition source. Prohibit eating, drinking and smoking in contaminated areas (eg. if container is damaged).

**Storage:** Store in a cool, dry, well-ventilated place and out of direct sunlight. Store away from incompatible materials described in Section 10. Contamination with incompatibles may cause fire-explosions. Keep containers closed when not in use - check regularly for spills.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### National occupational exposure limits:

No value assigned for this specific material by the National Occupational Health and Safety Commission (NOHSC Australia).

However for:

	TWA		STEL		CARCINOGEN CATEGORY	NOTICES
	ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>		
Distillate Solvent:	100	-	-	-	-	-

As published by the National Occupational Health & Safety Commission (NOHSC Australia).

TWA - The time-weighted average airborne concentration over an eight-hour working day, for a five-day working week over an entire working life.

STEL (Short Term Exposure Limit) - the average airborne concentration over a 15 minute period which should not be exceeded at any time during a normal eight-hour workday.

These Exposure Standards are guides to be used in the control of occupational health hazards. All atmospheric contamination should be kept too as low a level as is workable. These exposure standards should not be used as fine dividing lines between safe and dangerous concentrations of chemicals. They are not a measure of relative toxicity.

If the directions for use on the product label are followed, exposure of individuals using the product should not exceed the above standard. The standard was created for workers who are routinely, potentially exposed during product manufacture.

**Biological Limit Values:** As per the "National Model Regulations for the Control of Workplace Hazardous Substances [NOHSC: 1005 (1994)]" the ingredients in this material do not have a Biological Limit Allocated.

**Engineering measures:** Ensure ventilation is adequate to maintain air concentrations below Exposure Standards. Natural ventilation should be adequate under normal use conditions.

**Personal protection equipment:** OVERALLS, SAFETY SHOES, GLOVES.

Wear overalls, and impervious gloves. Available information suggests that gloves made from nitrile rubber should be suitable for intermittent contact. However, due to variations in glove construction and local conditions, the user should make a final assessment. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storing or re-using.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	CLEAR COLOURED LIQUID
<b>Odour:</b>	MILD SOLVENT ODOUR
<b>pH:</b>	NOT AVAILABLE
<b>Vapour Pressure:</b>	NOT AVAILABLE
<b>Vapour Density:</b>	4.76 (Air = 1)
<b>Boiling Point:</b>	156 - 178 C
<b>Melting Point:</b>	NOT AVAILABLE
<b>Evaporation Rate:</b>	NOT AVAILABLE
<b>Solubility (water):</b>	INSOLUBLE
<b>Specific Gravity:</b>	0.81
<b>% Volatiles:</b>	NOT AVAILABLE
<b>Flammability:</b>	NON FLAMMABLE, C1 COMBUSTIBLE LIQUID
<b>Flash Point:</b>	> 64 C

**Upper Explosion Limit:** NOT AVAILABLE  
**Lower Explosion Limit:** NOT AVAILABLE  
**Autoignition Temperature:** NOT AVAILABLE

## 10. STABILITY AND REACTIVITY

**Chemical stability:** This material is thermally stable when stored and used as directed.

**Conditions to avoid:** Will combust. Avoid contact with naked flames.

**Incompatible Materials:** Incompatible with oxidising agents (eg. hypochlorites, peroxides), acids (eg. sulfuric acid).

**Hazardous decomposition products:** Oxides of carbon and nitrogen, smoke and other toxic fumes.

## 11. TOXICOLOGICAL INFORMATION

Moderate toxicity - irritant. This product has the potential to cause adverse health effects with over exposure. Use safe work practices to avoid eye or skin contact and vapour generation - inhalation. Chronic exposure to organic solvents may cause liver, kidney and central nervous system damage.

### Acute Effects

**Inhalation:** Irritant. Inhalation may cause irritation to the respiratory system, nose and throat irritation, coughing, and headache. Over exposure may result in nausea, dizziness and drowsiness.

**Skin contact:** Irritant. Prolonged contact may result in drying and defatting of the skin, rash and dermatitis. Toxic effects may result from skin absorption.

**Eye contact:** Irritant. Contact may result in lacrimation, irritation, pain, redness and conjunctivitis. Prolonged contact - corneal burns and possible permanent damage.

**Ingestion:** Moderate toxicity. Ingestion may result in nausea, vomiting, abdominal pain, diarrhoea, dizziness and drowsiness. Aspiration may result in chemical pneumonitis and pulmonary oedema.

**Long Term Effects:** No information available for product.

### Acute toxicity / Chronic toxicity

No LD50 data available for the product. However, for the solvent:

Oral LD50 (rat): >2000 mg/kg

## 12. ECOLOGICAL INFORMATION

Avoid contaminating waterways.

**Ecotoxicity:** No information available.

**Persistence and degradability:** No information available.

**Mobility:** No information available.

### 13. DISPOSAL CONSIDERATIONS

Collect and reuse where possible. Avoid contaminating waterways. Absorb with sand or similar and collect absorbed material in approved disposal bags. Dispose of material to an approved landfill site. Contact the manufacturer for additional information if required.

Refer to State/Territory Land Waste Management Authority.

### 14. TRANSPORT INFORMATION

#### ROAD AND RAIL TRANSPORT

Not classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for transport by Road and Rail.

#### MARINE TRANSPORT

Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.

#### AIR TRANSPORT

Not classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.

### 15. REGULATORY INFORMATION

**Poisons Schedule (Aust):** None Allocated

All the constituents of this material are listed on the Australian Inventory of Chemical Substances (AICS).

### 16. OTHER INFORMATION

#### Literary reference

This Material Safety Data Sheet has been prepared by Thomson White Australia Pty Ltd.

Reason(s) For Issue: Revision

Material Safety Data Sheets are updated frequently. Please ensure that you have a current copy.

This MSDS summarises at the date of issue our best knowledge of the health and safety hazard information of the product, and in particular how to safely handle and use the product in the workplace. Since TWA Pty Ltd cannot anticipate or control the conditions under which the product may be used, each user must, prior to usage, review this MSDS in the context of how the user intends to handle and use the product in the workplace.

If clarification or further information is needed to ensure that an appropriate assessment can be made, the user should contact this company.

Our responsibility for product as sold is subject to our standard terms and conditions, a copy of which is sent to our customers and is also available upon request