

## SAFETY DATA SHEET INFORMATION

For further information: Please refer to the Safety Data Sheet following

Issue: June 19

**PRODUCT:** Robertson's Undercoat Oil Based- White

**Other Names:** Oil Based Undercoat

**Uses:** Preparatory and protective coating for architectural surfaces.

**Signal Word:** Warning

<b>UN No.:</b>	1263
<b>Dangerous Goods Class:</b>	3
<b>Subsidiary Risk:</b>	None
<b>Packing Group:</b>	III
<b>Hazchem Code:</b>	3Y
<b>Poisons Schedule:</b>	S5

<b>Hazard Category:</b>	This product is classified as hazardous in accordance with GHS criteria in Australia
<b>Hazard Statement:</b>	Flammable liquid and vapour
<b>GHS Classification:</b>	Flammable Liquids: 3; Skin Corrosion/Irritation:2; Specific Target Organ Toxicity (Single Exposure): 3

### Physical Characteristics (Typical)

Section 9 of the SDS

Appearance	White coloured liquid
Boiling Point/Range (°C):	> 150
Flash Point (°C):	>35
Specific Gravity/Density (g/ml @ 15°C):	Approx 1.2
pH:	No data available
Chemical Stability:	Stable at room temperature and pressure
Reactivity:	Excessive heat, oxidising agents, and sources of ignition

### Product Ingredients

Section 3 of the SDS

Ingredient	CAS Number	Proportion
Naptha (Petroleum) Hydrodesulphurised, Heavy	64742-82-1	30-60%
Solvent Naptha (petroleum) Light Aromatic	64742-95-6	1-5%
Naptha (Petroleum), Hydrotreated Heavy	64742-48-9	1-5%

For further ingredients information, please refer to the full MSDS

### GHS Pictograms

Section 2 of the SDS

Flame

Exclamation Mark



### DEFINITIONS

Dangerous Goods	Products that are regulated for transport under the UN International guidelines are classified as Dangerous Goods. Products can be classified by their physical characteristics and may have only one Dangerous Goods designation, although may have a subsidiary risk. These products may be Dangerous Goods for transport by Air and Sea, but may not be classed as Dangerous Goods by Road and Rail in Australia. Refer to the Australian Code for Transport of Dangerous Goods by Road and Rail (ADG) for more information.
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Hazardous Substances	Hazardous Substances are those products that are intrinsically hazardous by virtue of their chemical nature, rather than as a condition of their misuse. These hazards include mutagens, teratogens, carcinogens, and products that are harmful or irritant in nature. These products may or may not carry a Dangerous Goods classification.
Poisons	Poisons are products that are regulated by the dose or exposure, often having physical and chemical effects at certain concentrations particular to the nature of the product. The associated warnings, cautions and First Aid instruction are prescriptive under the regulation in Australia.

## 1. IDENTIFICATION

<b>Product Name:</b>	Robertson's Undercoat Oil Based- White
<b>Other Names:</b>	Oil Based Undercoat
<b>Recommended Use:</b>	Preparatory and protective coating for architectural surfaces.
<b>Supplier:</b>	Robertson's Paints Pty Ltd.
<b>ABN:</b>	36 122 588 130
<b>Address:</b>	6 Christie Street, St Marys NSW 2760 PO Box 263, St Marys NSW 1790
<b>Telephone:</b>	+61 2 9623 4022 (Business hours)
<b>Fax:</b>	+61 2 9673 1460
<b>Emergency Phone:</b>	<b>+61 410 453 403 (After Hours)</b>

## 2. HAZARDS IDENTIFICATION

### Hazard Category

This product is classified as hazardous in accordance with GHS criteria in Australia

### GHS Classification

Flammable Liquids: 3; Skin Corrosion/Irritation:2; Specific Target Organ Toxicity (Single Exposure): 3

### GHS Pictograms



Flame



Exclamation Mark

### Hazard Statement

Flammable liquid and vapour

### Hazard Statements

H226: Flammable liquid and vapour
H302+332: Harmful if swallowed or if inhaled
H317: May cause an allergic skin reaction
H336: May cause drowsiness or dizziness

### Precautionary Statements

P102: Keep out of reach of children.
P103: Read label before use.
P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P261: Avoid breathing dust/fume/ gas/mist/vapours/spray.
P271: Use only outdoors or in a well-ventilated area.
P280: Wear protective gloves/protective clothing/eye protection/face protection.

P301+310: IF SWALLOWED: Immediately call a POISON CENTER/doctor/...

P370+378: In case of fire: Use sand, earth, or chemical foam to extinguish.

P403+235: Store in a well ventilated place. Keep cool.

P501: Dispose of contents, or container in accordance with local/regional/national/international regulation.

**Dangerous Goods Classification:** 3

**Poisons Schedule:** S5

**Signal Word:** Warning

### 3. COMPOSITION: Information on Ingredients

Chemical Ingredient	CAS Number	Proportion (% v/v)
Naptha (Petroleum) Hydrodesulphurised, Heavy	64742-82-1	30-60%
Solvent Naphtha (petroleum) Light Aromatic	64742-95-6	1-5%
Naphtha (Petroleum), Hydrotreated Heavy	64742-48-9	1-5%
Methyl Ethyl Ketoxime	96-29-7	<1%
Ingredients determined not to be hazardous	-	Balance to 100%

### 4. FIRST AID MEASURES

For advice, contact Poisons Information Centre (Phone Australia: 13 11 26) or a doctor.

#### Ingestion

If swallowed, DO NOT induce vomiting. Keep at rest. Seek immediate medical attention.

#### Eye Contact

Flush eyes with large amounts of water until irritation subsides. Seek immediate medical attention.

#### Skin Contact

Flush area with large amounts of water and wash area with soap if available. Remove contaminated clothing, including shoes, and launder before reuse. Seek medical attention for skin irritations.

#### Inhalation

Using proper respiratory protection, immediately remove the affective victim from exposure. Administer artificial respiration if breathing has stopped. Keep at rest. Seek immediate medical attention.

#### First Aid Facilities

Provide eye baths and safety showers.

#### Medical Attention

Treat according to symptoms.

### 5. FIRE FIGHTING MEASURES

Shut off product that may 'fuel' a fire if safe to do so. Allow trained personnel to attend a fire in progress providing fire fighters with this Safety Data Sheet. Prevent extinguishing media from escaping to drains and waterways.

#### Suitable Extinguishing Media

Dry chemical or foam

**Hazards from combustion products**

Carbon monoxide, carbon dioxide, and other organic material

**Precautions for fire fighters and special protective equipment**

Fully self-contained breathing apparatus

**Hazchem Code**

3Y

**6. ACCIDENTAL RELEASE MEASURES**

**Emergency Procedures**

Prevent product from escaping to drains and waterways. Contain leaking packaging in a containment drum. Prevent vapours or dusts from building up in confined areas. Ensure that drain valves are closed at all times. Clean up and report spills immediately.

**Methods and materials for containment**

***Major Land Spill***

- Eliminate sources of ignition.
- Warn occupants of downwind areas of possible fire and explosion hazard, where present.
- Prevent product from entering sewers, watercourses, or low-lying areas.
- Keep the public away from the area.
- Shut off the source of the spill if possible and safe to do so.
- Advise authorities if substance has entered a watercourse or sewer or has contaminated soil or vegetation.
- Take measures to minimise the effect on the ground water.
- Contain the spilled product using the resources in the spill kit.
- Recover by pumping – use explosion proof pump or hand pump – or with a suitable absorbent material.
- Consult an expert on disposal of recovered material and ensure conformity to local disposal regulations.
- See “First Aid Measures” and “Stability and Reactivity”

***Major Water Spill***

- Eliminate any sources of ignition.
- Warn occupants and shipping in downwind areas of possible fire and explosion hazard, where present.
- Notify the port or relevant authority and keep the public away from the area.
- Shut off the source of the spill if possible and safe to do so.
- Confine the spill if possible.
- Remove the product from the surface by skimming or with suitable absorbent material.
- Consult an expert on disposal of recovered material and ensure conformity to local disposal regulations.
- See “First Aid Measures” and “Stability and Reactivity”.

**7. HANDLING AND STORAGE**

**Precautions for Safe Handling**

This product is flammable. Do not open near open flame, sources of heat or ignition. No smoking. Keep container closed. Handle containers with care. Open slowly to control possible pressure release. Use grounding leads to avoid discharge (electrical spark).

**Conditions for Safe Storage**

Store in a cool, dry place away from direct sunlight. Protect containers from physical damage and check regularly for leaks. Avoid release to the environment, store in bunded areas and ensure exit drains are closed.

**Incompatible Materials**

Oxidising agents

**8. EXPOSURE CONTROLS: PERSONAL PROTECTION**

**National Exposure Standards**

The time weighted average concentration (TWA) for this product is: None specified, which means the highest allowable exposure concentration in an eight-hour day for a five-day working week. The short term exposure limit (STEL) is: None specified, which is the maximum allowable exposure concentration at any time.

Replacing a TWA or STEL value for some products is a Peak Limitation value (Peak): None specified applies in this case. In addition to the exposure concentrations may be a subsidiary caution in such cases where the product is a skin sensitiser, represented as (Sen), where None applies in this case.

#### **Biological Limit Values (BLV)**

No data available

#### **Engineering Controls: Ventilation**

The use of local exhaust ventilation is recommended to control process emissions near the source. Laboratory samples should be handled in a fume hood. Provide mechanical ventilation of confined spaces. Use explosion proof equipment.

#### **Personal Protective Equipment**

**Respiratory Protection:** Where concentrations in air may approach or exceed the limits described in the National Exposure Standards, it is recommended to use a half-face filter mask to protect from overexposure by inhalation. A type 'A' filter material is considered suitable for this product.

**Eye Protection:** Always use safety glasses or a face shield when handling this product.

**Skin/Body Protection:** Always wear long sleeves, long trousers, or coveralls, and enclosed footwear or safety boots when handling this product. It is recommended that chemical resistant gloves be worn when handling this product.

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

Property	Unit of measurement	Typical Value
Appearance	None	White coloured liquid
Boiling Point/Range	°C	> 150
Flash Point	°C	>35
SG/Density (@ 15°C)	g/ml; kgm <sup>-3</sup>	Approx 1.2
Vapour Pressure @ 20°C	kPa	No data available
Vapour Density @ 20°C	g/ml; kgm <sup>-3</sup>	No data available
Autoignition Temperature	°C	No data available
Explosive Limits in Air	% vol/vol	No data available - No data available
Viscosity @ 20°C	cPs, mPas	No data available
Percent volatiles	% vol/vol	No data available
Acidity/alkalinity as pH	None	No data available
Solubility in Water	g/l	Insoluble
Other solvents	-	Hydrocarbons

The values listed are indicative of this product's physical and chemical properties. For a full product specification, please consult the Technical Data Sheet.

## **10. STABILITY AND REACTIVITY**

#### **Chemical stability**

Stable at room temperature and pressure

#### **Conditions to avoid**

Excessive heat, oxidising agents, and sources of ignition

#### **Hazardous decomposition products**

Carbon monoxide, carbon dioxide, other complexes on incomplete burning or oxidation

**Hazardous reactions**

None established

**Hazardous polymerisation**

Will not occur

**11. TOXICOLOGICAL INFORMATION****Acute Effects****Ingestion**

Swallowing will result in nausea, headache, central nervous system effects. Product can be aspirated to the lungs on vomiting resulting in chemical pneumonitis and long term lung damage. Small amounts of this product will cause irritation and a burning sensation in the throat, trachea, and oesophagus.

**Eye Contact**

Eye contact with this product will cause redness and swelling with a burning sensation and blurred vision. Prolonged eye damage is possible with this product.

**Skin Contact**

This product will result in defatting of the skin with prolonged or repeated contact. Drying and cracking of skin risks the possible absorption of other chemical products potentially in use.

**Inhalation**

Vapours at elevated temperatures will cause dizziness and drowsiness. Vapours at room temperature should be controlled through adequate (do not use in confined spaces) or mechanical ventilation.

**Chronic Effects**

Repeated or prolonged contact with this product will result in irritant contact dermatitis if PPE precautions are not observed.

**Other Health Effects Information**

Persons with pre-existing skin conditions will be sensitive to this product.

**Toxicological Information**

Oral LD<sub>50</sub>: Not determined

Dermal LD<sub>50</sub>: Not determined

**12. ECOLOGICAL INFORMATION****Ecotoxicity****Aquatic Toxicity:**

Fish Toxicity LC <sub>50</sub> :	No information available
Daphnia Magna EC <sub>50</sub> :	No information available
Blue-green algae:	No information available
Green algae:	No information available

**Persistence/Biodegradability:** No information available

**Mobility:** This product may be mobile on release to the environment, risking contamination of waterways, soils and grasslands

**13. DISPOSAL CONSIDERATIONS****Disposal Methods**

Empty packaging should be taken for recycling, recovery or disposal through a suitably qualified or licensed contractor. Care should be taken to ensure compliance with national and local authorities. Packaging may still contain product residue that may be harmful. Ensure that empty packaging is managed in accordance with Dangerous Goods regulations.

**Special Precautions**

This product is not suitable for disposal by either landfill or via municipal sewers, drains, natural streams or rivers. This product should be treated and disposed through chemical waste treatment, or considered for use in recycling.

## 14. TRANSPORT INFORMATION

Road and Rail Transport		Marine Transport		Air Transport	
UN No.	1263	UN No.	1263	UN No.	1263
Proper Shipping Name	Paint	Proper Shipping Name	Paint	Proper Shipping Name	Paint
DG Class	3	DG Class	3	DG Class	3
Sub. Risk	None	Sub. Risk	None	Sub. Risk	None
Packing Group	III	Packing Group	III	Packing Group	III
Hazchem	3Y	Hazchem	3Y	Hazchem	3Y

### Dangerous Goods Segregation

This product is Dangerous Goods Class 3, packing group III.

## 15. REGULATORY INFORMATION

**Country/Region:** Australia

**Inventory:** AICS

**Status:** Listed

**Poisons Schedule:** S5

## 16. OTHER INFORMATION

**Reasons for Issue:** Upgrade to GHS SDS format; amalgamated supplier and regulatory changes in all sections.

### **Abbreviations:**

AICS: Australian Inventory of Chemical Substances

CAS Number: Chemical Abstracts Number

GHS: Global Harmonised System

IARC: International Agency for Research on Cancer

PPE: Personal Protective Equipment

N/R: Non-regulated

N/A: Not applicable

UN: United Nations

### **References:**

- Supplier Safety Data Sheets
- <http://hsis.safework.gov.au/SearchHS.aspx> (June 19)
- Animal toxicology data: <http://chem.sis.nlm.nih.gov/chemidplus> (June 19)
- Ecotoxicology data: [http://cfpub.epa.gov/ecotox/quick\\_query.htm](http://cfpub.epa.gov/ecotox/quick_query.htm) (June 19)
- *Sax's Dangerous Properties of Industrial Materials*, Richard J Lewis Snr., pub. Canada (2005)

The information sourced for the preparation of this document was correct and complete at the time of writing to the best of the writer's knowledge. The document represents the commitment to the company's responsibilities surrounding the supply of this product, undertaken in good faith. This document should be taken as a safety guide for the product and its recommended uses, but is in no way an absolute authority. Please consult the relevant legislation and regulations governing the use and storage of this type of product. For further information, please contact Robertson's Paints Pty Ltd.