



Reviewed: Feb 2025 Valid till: Jan 2030

## 1. MATERIAL AND SUPPLY COMPANY IDENTIFICATION

**Product Name: Heat Reflectant Thermal Membrane**

**Recommended Uses:** Surface Coating  
**Supplier:** Australian Paint Company Pty Ltd (ABN 39062258155)  
**Street Address:** 13-27 Melbourne Road Riverstone NSW 2765  
**Telephone Number:** (02) 9832 0000  
**Fax:** (02) 9832 8888  
**Emergency Telephone Number:** Australia: 1800 033 111 New Zealand: 0800 734 607

## 2. HAZARDS IDENTIFICATION

Based on available information, this material is not classified as hazardous according to criteria of Safe Work Australia.

**Poisons Schedule (Aust):** Not Applicable

### DANGEROUS GOOD CLASSIFICATION

Not classified as Dangerous Goods by the criteria of the "Australian Code for the Transport of Dangerous Goods by Road and Rail" and the "New Zealand NZS5433: Transport of Dangerous Goods on Land".

## 3. COMPOSITION INFORMATION

| Chemical Entity  | CAS No. | Proportion (%w/w) |
|--|---------|-------------------|
| Ingredients determined to be non-hazardous or below reporting limits | -       | 100%              |

## 4. FIRST AID MEASURES

If Poisoning occurs, contact a doctor or poisons information Centre (Phone Australia 131 126, New Zealand 0800 764 766)

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### **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 immediate medical advice.

### **Skin contact**

For gross contamination, immediately drench with water and remove clothing. Continue to flush skin and hair with plenty of water (and soap if material is insoluble). If swelling, redness, blistering or irritation occurs seek medical assistance.

### **Eye contact**

Immediately flush eyes with large amount of water. Seek immediate medical attention.

### **Ingestion**

Rinse mouth with water. If swallowed, do NOT induce vomiting. Give a glass of water to drink. If vomiting happens give further water. Seek immediate medical advice.

### **PPE for First aiders**

Wear overalls, safety glasses and impervious gloves. Use with adequate ventilation. 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.

### **Medical attention**

Treat symptomatically.

## **5. FIRE FIGHTING MEASURES**

### **Extinguishing media**

#### **Suitable extinguishing equipment**

Alcohol resistance foam is the preferred fire-fighting medium. If material is involved in the fire use alcohol resistance foam, standard foam or Dry agent (Dry Chemical Powder, CO2).

### **Specific Hazards**

Non-Combustible Material

#### **Fire Fighting further advice**

Not Combustible, however following evaporation of aqueous component residual material can burn if ignited. Fire fighters to wear self-contained breathing apparatus and suitable protective clothing if risk of exposure to vapor or products of combustion.

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### Special protective equipment and precautions for fire fighters

Wear breathing apparatus when fighting fire.

**Hazchem Code:** Not Applicable

## 6. ACCIDENTAL RELEASE MEASURES

### Minor spill

Wear protective equipment to prevent skin and eye contamination. Wipe out with absorbent (clean rag or paper towel) or absorb with sand. Allow absorbent to dry before disposing with normal household garbage.

### Major spill

Slippery when spilt. Avoid accidents, clean up immediately. Wear protective equipment to prevent skin and eye contamination and the inhalation of vapors. Work up wind or increase ventilation. Contain – prevent run off into drains and waterways. Use absorbent (soil, sand or other inert material). Collect and seal in properly labelled containers or drums for disposal. If contamination of sewers or waterways has occurred advise local emergency services.

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

## 7. HANDLING AND STORAGE

### Handling:

Avoid skin and eye contact and inhalation of vapor, mist or aerosols.

### Storage

Store in a cool, dry, well-ventilated place and out of direct sunlight. Store away from incompatible materials described in section 10. Keep container closed when not in use and check regularly for leaks.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### National /occupational Exposure Limits

No value assigned for this specific material by Safe Work Australia or Department of Labor New Zealand.

### Biological Limit Values

As per the “National Model Regulations for the Control of Workplace Hazardous Substances (Safe Work Australia)” the ingredients in this material do not have a Biological Limit Allocated.

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### Engineering controls

Use only in well ventilated areas. Keep containers closed when not in use.

### Personal protective equipment

B: OVERALLS, SAFETY SHOES, SAFETY GLASSES, GLOVES.

Wear chemical safety glasses/goggles or face shield 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.

If risk of inhalation of exists, wear organic vapor/ particular respirator meeting the requirements of AS/NZS 1715 and AS/NZS 1716.

### Hygiene Measures

Keep away from food, drink and animal feeding stuff. When using do not eat, drink or smoke. Wash hands prior to eating, drinking or smoking. Avoid skin and eye contact and inhalation of vapor, mist or aerosols. Ensure that eyewash stations and safety showers are close to the workstation location.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

| Property                 | Unit of measurement | Typical value      |
|--------------------------|---------------------|--------------------|
| Appearance               | -                   | Viscous liquid     |
| Odour                    | -                   | Mild Ammonia odour |
| Solubility               | -                   | Miscible in water  |
| Vapor Pressure @ 25°C    | kPa                 | Not available      |
| Boiling Point            | °C                  | Approx. 100        |
| % Volatile by Volume     | %                   | Not Available      |
| Melting Point/Range      | °C                  | Not Available      |
| Autoignition Temperature | °C                  | Not Applicable     |
| Decomposition Point      | °C                  | Not Available      |
| Flash Point              | °C                  | Not Applicable     |
| Flammability Limits      | %                   | Not Applicable     |
| Density @ 25°C           | g/ml                | 1.0-1.6            |
| Volatile content         | %(w/w)              | <40                |

## 10. STABILITY AND REACTIVITY

### Reactivity

No reactivity hazards are known for the material.

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### **Chemical stability**

This material is thermally stable when stored and used as directed.

### **Conditions to avoid**

Elevated temperature and source of ignition.

### **Incompatible materials**

Oxidizing agents.

### **Hazardous decomposition products**

Oxides of carbon and nitrogen, smoke and other toxic fumes.

### **Hazardous reactions**

No Known hazardous reaction.

## **11. TOXICOLOGICAL INFORMATION**

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms or effects that may rise if the product is mishandled and overexposure occurs are:

### **Inhalation**

Where this material is used in a poorly ventilated area, at elevated temperatures or in confined spaces, vapor may cause irritation to mucous membranes and respiratory tract, headache and nausea.

### **Skin contact**

Contact with skin may result in irritation.

### **Ingestion**

Swallowing can result in nausea, vomiting and abdominal pain.

### **Eye contact**

May be an eye irritant.

### **Acute effects**

### **Ingestion**

Swallowing can result in nausea, vomiting and central nervous system depression. If the victim is uncoordinated there is greater likelihood of vomit entering the lung and causing subsequent complications.

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#### **Eye Contact**

Irritating, causing redness and burning sensation.

#### **Skin Contact**

Irritating, causing redness and burning sensation. Will have a degreasing action on the skin. Repeated or prolonged skin contact may lead to irritant contact dermatitis.

#### **Inhalation**

This material has been classified as non-hazardous.

#### **Acute toxicity**

##### **Inhalation**

This material has been classified as non-hazardous.

##### **Skin contact**

This material has been classified as non-hazardous.

##### **Ingestion**

This material has been classified as non-hazardous.

#### **Corrosion/irritancy**

Eye: this material has been classified as not corrosive or irritating to eyes. Skin: this material has been classified as not corrosive or irritating to skin.

#### **Sensitization**

Inhalation: this material has been classified as not a respiratory sensitizer. Skin: this material has been classified as not a skin sensitizer.

#### **Aspiration hazard**

This material has been classified as non-hazardous.

#### **Specific target organ toxicity (single exposure)**

This material has been classified as non-hazardous.

#### **Chronic toxicity**

#### **Mutagenicity**

This material has been classified as non-hazardous.

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#### **Carcinogenicity**

This material has been classified as non-hazardous.

#### **Reproductive toxicity**

This material has been classified as non-hazardous.

#### **Specific target organ toxicity (repeated exposure)**

This material has been classified as non-hazardous.

## **12. ECOLOGICAL INFORMATION**

Avoid contaminating waterways. This material has been classified as non-hazardous

#### **Acute aquatic hazard**

This material has been classified as non-hazardous. Acute toxicity estimate (based on ingredients): >100 mg/L

#### **Long-term aquatic hazard**

No information is available to complete an assessment.

#### **Ecotoxicity**

No information is available to complete an assessment.

#### **Persistence and degradability**

No information is available to complete an assessment.

#### **Bioaccumulation potential**

No information is available to complete an assessment.

#### **Mobility**

No information is available to complete an assessment.

## **13. DISPOSAL CONSIDERATIONS**

Persons conducting disposal, recycling or reclamation activities should ensure that appropriate personal protection equipment is used, see section 8.

Refer to Waste Management Authority. Dispose of material through a licensed waste contractor. Advise flammable nature.

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If possible, material and container should be recycled. If material and container cannot be recycled, dispose in accordance with local, regional, national and international regulations.

## 14. TRANSPORT INFORMATION

### Road and Rail Transport

Not classified as Dangerous Goods by criteria of the “Australian Code for the Transport of Dangerous Goods by Road and Rail” and the “New Zealand NZS5433: Transport of Dangerous Goods on Land”.

### 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

### This material is not subject to the following international agreements:

Montreal Protocol (Ozone depleting substances)  
The Stockholm Convention (Persist Organic Pollutants)  
The Rotterdam Convention (Prior Informed Consent)  
Basel Convention (Hazardous waste)  
International convention for the prevention of pollution from ships (MARPOL)

### This material/constituent(s) is covered by the following requirements:

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

## 16. OTHER INFORMATION

**Reason for Revision:** Information updates of all sections to comply with *Code of Practice Safe Work Australia*.

### Abbreviations:

ADG: Australian Code for the Transport of Dangerous Goods by Road and Rail  
CAS Number: Chemical Abstracts Number  
HMIS: Hazardous Materials Identification System

### Disclaimer

*Data provided is to best of APCO Coatings knowledge and believe to be accurate and reliable as of the date of issued. However, no expressed or implied warranties are given. APCO cannot anticipate or control the conditions under which*

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