

# Materials Safety Data Sheet.

## Traxx Outdoor Seal™

Revision: 14.02.2014

### 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

<b>Name of product</b>	<b>Traxx Outdoor Seal</b>
<b>Manufacturer/distributor</b>	Traxx Construction Products Unit 4/1 Rocklea Drive, Port Melbourne, Victoria 3207 Phone: 03 9646 9200
<b>Advice</b>	Technical Department Phone: 03 9646 9200
<b>Proper Shipping Name (ADG Code):</b>	None Allocated. Not a Dangerous Good under the ADG Code.
<b>Recommended intended purpose(s)</b>	Treatment of stone, masonry, tiles, brick, concrete etc to provide oil and water repellency.
<b>Additional Information:</b>	It is the user's responsibility to determine the suitability of this product for their applications and their methods of use. Classified as Hazardous according to the criteria of the New Zealand HSNO Act.

### 2. HAZARDS IDENTIFICATION

<b>Hazard Classification:</b>	Classified as hazardous according to criteria of NOHSC Classified as Hazardous according to the criteria of the New Zealand HSNO Act ERMA Number: HSR002599 Haz Classes: 6.3B, 9.1D Group Standard: Leather and Textile Products (Flammable)
<b>Risk Phrase(s):</b>	Classified as hazardous according to criteria of NOHSC. R23 Toxic by inhalation.
<b>Safety Phrase(s):</b>	S23, S38, S39. Do not breathe spray. In case of insufficient ventilation, wear suitable respiratory equipment. Wear eye/face protection.
<b>Other Information:</b>	Hazardous according to the criteria of ASCC Australia. ADG Classification: None allocated. Not a Dangerous Good under the ADG Code. Emergency Overview: Physical Description & colour: Clear tan coloured liquid. Odour: Mild acrylic odour Major Health Hazards: very toxic by inhalation. NOTE: The 4 hour inhalation ALC in rats is 700 mg/m <sup>3</sup> as sold, and is classified as very toxic if inhaled according to the criteria of ASCC (210mg/m <sup>3</sup> of active ingredient). A typical end use dilution range for use is 3 - 5% Traxx Outdoor Seal in water. At 4.3% Traxx Outdoor Seal in water, the 4 hour inhalation ALC is less than 17,7000 mg/m <sup>3</sup> , and is classified as harmful by inhalation according to the criteria of ASCC.

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The Traxx Outdoor Seal concentrate of this MSDS as supplied, is Very Toxic by inhalation of fine mist. We stipulate that the product must not be aerosolized either in concentrate or dilute form. 30% Traxx Outdoor Seal has not produced genetic damage in bacterial cell cultures. No animal test reports are available to define carcinogenic, developmental or reproductive hazards.

LC50 Inhalation (Rat) = 0.7mg/L/4hr

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	Name	CAS	Proportion	Hazard Symbol	Risk Phrase
	Perfluoroalkyl	No data	20-40%		
	Dimethylamino				
	Methacrylic				
	Copolymer				
	Acetic Acid	64-19-7	0-5%		
	Water	7732-18-5	To 100%		

### 4. FIRST AID MEASURES

#### Inhalation

If inhalation occurs, contact a Poisons Information Centre. Urgent hospital treatment is likely to be needed. Remove source of contamination or move victim to fresh air. If breathing is difficult, oxygen may be beneficial if administered by trained personnel, preferably on a doctor's advice. DO NOT allow victim to move about unnecessarily. Symptoms of pulmonary oedema can be delayed up to 48 hours after exposure.

#### Ingestion

If product is swallowed or gets in mouth, do NOT induce vomiting; wash mouth with water and give some water to drink. If symptoms develop, or if in doubt, contact a Poisons Information Centre or a doctor.

#### Skin

Irritation is unlikely. However, if irritation does occur, flush with lukewarm, gently flowing water for 5 minutes or until chemical is removed.

#### Eye

First aid is not generally required. If in doubt, contact a Poisons Information Centre or a doctor. Take special care if exposed person is wearing contact lenses.

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### Other Information

You should call The Poisons Information Centre if you feel that you may have been poisoned, burned or irritated by this product. The number is 13 1126 from anywhere in Australia (0800 764 766 in New Zealand) and is available at all times. Have this MSDS with you when you call.

## 5. FIRE-FIGHTING MEASURES

### Suitable extinguishing media

Preferred extinguishing media are carbon dioxide, dry chemical, foam, water fog.

### Specific Methods

If a significant quantity of this product is involved in a fire, call the fire brigade.

### Specific Hazards

There is no risk of an explosion from this product under normal circumstances if it is involved in a fire. Fire decomposition products from this product are likely to be toxic and corrosive if inhaled. Take appropriate protective measures.

### Decomposition Temp.

Approx 200°C (dried material)

## 6. ACCIDENTAL RELEASE MEASURES

### Emergency procedures

In the event of a major spill, prevent spillage from entering drains or water courses. Immediately call the Fire Brigade. Wear full protective chemically resistant clothing including eye/face protection, gauntlets and self contained breathing apparatus. See below under Personal Protection regarding Australian Standards relating to personal protective equipment. Suitable materials for protective clothing include rubber, PVC, butyl rubber, neoprene, Teflon, Saranex. Eye/face protective equipment should include a full face shield. If there is a significant chance that vapours or mists are likely to build up in the cleanup area, we recommend that you use a respirator. Usually, no respirator is necessary when using this product. However, if you have any doubts consult the Australian Standard mentioned below (section 8 (Exposure Controls / Personal Protection)).

Stop leak if safe to do so, and contain spill. Absorb onto sand, vermiculite or other suitable absorbent material. If spill is too large or if absorbent material is not available, try to create a dike to stop material spreading or going into drains or waterways. Sweep up and shovel or collect recoverable product into labelled containers for recycling or salvage, and dispose of promptly. Recycle containers wherever possible after careful cleaning. After spills, wash area preventing run-off from entering drains. If a significant quantity of material enters drains, advise emergency services. This material may be suitable for approved landfill. Ensure legality of disposal by consulting regulations prior to disposal. Thoroughly launder protective clothing before storage or re-use. Advise laundry of nature of contamination when sending contaminated clothing to laundry.

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### 7. HANDLING AND STORAGE

#### Precautions for safe handling

Keep exposure to this product to a minimum, and minimise the quantities kept in work areas. Check Section 8 (Exposure Controls / Personal Protection) of this MSDS for details of personal protective measures, and make sure that those measures are followed. The measures detailed below under 'Storage' should be followed during handling in order to minimise risks to persons using the product in the workplace. Also, avoid contact or contamination of product with incompatible materials listed in Section 10 (Stability and Reactivity).

#### Conditions for safe storage

This product is a Scheduled Poison. Observe all relevant regulations regarding sale, transport and storage of this schedule of poison. Make sure that containers of this product are kept tightly closed. Keep away from heat and flame. Keep away from sources of ignition such as sparks and open flames. Make sure that the product does not come into contact with substances listed under 'Incompatibilities' in Section 10 (Stability and Reactivity). Some liquid preparations settle or separate on standing and may require stirring before use. Check packaging - there may be further storage instructions on the label.

### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

The following Australian Standards will provide general advice regarding safety clothing and equipment:

Respiratory equipment: AS/NZS 1715, Protective Gloves: AS 2161, Industrial

Clothing: AS2919, Industrial Eye Protection: AS1336 and AS/NZS 1337,

Occupational Protective Footwear: AS/NZS2210.

#### Engineering controls

Ventilation: This product should only be used where there is ventilation that is adequate to keep exposure below the TWA levels. If necessary, use a fan.

#### Respiratory protection

Usually, no respirator is necessary when using this product. However, if you have any doubts consult the Australian Standard mentioned above.

#### Eye protection

Eye protection is not normally necessary when this product is being used. However, if in doubt, wear suitable protective glasses or goggles.

#### Personal Protective Equipment

Protective Material Types: We suggest that protective clothing be made from the following materials: rubber, PVC, butyl rubber, neoprene, Teflon, Saranex.

#### Body Protection

The information at hand indicates that this product is not harmful and that normally no special skin protection is necessary. However, we suggest that you routinely avoid contact with all chemical products and that you wear suitable gloves (preferably elbow-length) when skin contact is likely.

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### 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance</b>	Clear tan coloured liquid.
<b>Odour</b>	Mild acrylic odour
<b>Decomposition Temperature</b>	Approx 200°C (dried material)
<b>Freezing Point</b>	Approximately 0°C.
<b>Boiling Point</b>	Boils at about 100°C at 100kPa.
<b>Solubility in Water</b>	Completely soluble.
<b>Specific Gravity</b>	1.095
<b>pH Value</b>	Not corrosive. pH 4-6
<b>Vapour Pressure</b>	2.37 kPa at 20°C
<b>Vapour Density (Air=1)</b>	No data.
<b>Evaporation Rate</b>	No data.
<b>Coefficient Water/Oil Distr.</b>	No data.
<b>Odour Threshold</b>	No data.
<b>Volatile Component</b>	Water component.
<b>Flash Point</b>	Does not burn.
<b>Flammability</b>	Flammability Class: Does not burn.
<b>Auto-Ignition Temperature</b>	Not applicable - does not burn.
<b>Flammable Limits - Lower</b>	Does not burn.
<b>Flammable Limits - Upper</b>	Does not burn.
<b>Other Information</b>	
Volatility:	No data.

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### 10. STABILITY AND REACTIVITY

#### Conditions to Avoid

Keep containers tightly closed. Keep away from heat, flames and sparks. Keep away from sources of sparks or ignition.

#### Incompatible Materials

No particular Incompatibilities.

#### Hazardous Decomposition Products

Carbon dioxide, and if combustion is incomplete, carbon monoxide and smoke. Nitrogen and its compounds, and under some circumstances, oxides of nitrogen. Occasionally hydrogen cyanide gas. Hydrogen fluoride gas and other compounds of fluorine. Water. Carbon monoxide poisoning produces headache, weakness, nausea, dizziness, confusion, dimness of vision, disturbance of judgment, and unconsciousness followed by coma and death. Hydrogen cyanide poisoning signs and symptoms are weakness, dizziness, headache, nausea, vomiting, coma, convulsions, and death. Death results from respiratory arrest. Hydrogen cyanide gas acts very rapidly; symptoms and death can both occur quickly.

#### Hazardous Reactions

This product is unlikely to react or decompose under normal storage conditions. However, if you have any doubts, contact the supplier for advice on shelf life properties.

#### Hazardous Polymerization

Polymerisation reactions are unlikely; they are not expected to occur.

### 11. TOXOLOGICAL INFORMATION

#### Toxicology Information

Target Organs: none known

Classification of Hazardous Ingredients:

Ingredient Risk Phrases

Acetic Acid  $\geq 10\%$  Conc  $< 25\%$ : Xi; R36/38

**Inhalation** Short term exposure: Available data shows that this product is toxic, but symptoms are not available. Inhalable aerosol may cause nasal, throat or lung irritation. Inhalation of large amounts of respirable particles may cause pulmonary oedema (fluid in lungs). Symptoms may be modest initially, followed in hours by severe shortness of breath requiring prompt medical attention. Overexposure may be fatal. Long Term exposure: No data for health effects associated with long term inhalation.

**Ingestion** Short term exposure: Significant oral exposure is considered to be unlikely. This product is unlikely to cause any irritation problems in the short or long term.

Long Term exposure: No data for health effects associated with long term ingestion.

**Skin** Short term exposure: Available data indicates that this product is not harmful. It should present no hazards in normal use. In addition product is unlikely to cause any discomfort in normal use.

Long Term exposure: No data for health effects associated with long term skin exposure.

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### Eye

Short term exposure: This product is believed to be not irritating to eyes.

Long Term exposure: No data for health effects associated with long term eye exposure.

### Carcinogenicity

ASCC: No significant ingredient is classified as carcinogenic by ASCC.

NTP: No significant ingredient is classified as carcinogenic by NTP.

IARC: No significant ingredient is classified as carcinogenic by IARC.

## 12. ECOLOGICAL INFORMATION

Insufficient data to be sure of status.

## 13. DISPOSAL CONSIDERATIONS

### Waste Disposal

There are many pieces of legislation covering waste disposal and they differ in each state and territory, so each user must refer to laws operating in their area. In some areas, certain wastes must be tracked. The Hierarchy of Controls seems to be common - the user should investigate: Reduce, Reuse, and Recycle and only if all else fails should disposal be considered. Note that properties of a product may change in use, so that the following suggestions may not always be appropriate. The following may help you in properly addressing this matter for this product. This product may be recycled if unused, or if it has not been contaminated so as to make it unsuitable for its intended use. If it has been contaminated, it may be possible to reclaim the product by filtration, distillation or some other means. If neither of these options is suitable, consider controlled incineration, or landfill.

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