

**Material Safety Data Sheet**

HAA677

INTERTHERM 677 OFF WHITE

Revision Date 08/07/03

**1. Product and company identification**

Not classified as Hazardous according to criteria of Worksafe Australia.

This product is not a Dangerous Good for Transport (ADG Code).

<b>Product Name</b>	INTERTHERM 677 OFF WHITE
<b>Product Code</b>	HAA677
<b>Intended use</b>	This product is intended for use in the marine and protective coatings markets. Refer Technical Data Sheet. For professional use only.
<b>Application Method</b>	Apply by brush and roller for small areas. Airless spray for large areas. Refer Technical Data Sheet.
<b>Company Name</b>	International Paint 115 Hyde Road Yeronga Queensland Australia
<b>Telephone No.</b>	(07) 3892 8888
<b>Fax No.</b>	(07) 3892 4287
<b>24 hour Emergency Telephone No.</b>	1800 807 001
<b>For Poisons Advice telephone</b>	131 126 For Advice to Doctors & Hospitals only

**2. Hazard Identification**

Poison Schedule: none assigned

Further information is given in section 11.



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HAA677

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**3. Composition / information on ingredients**

This product contains the following substances that present a hazard within the meaning of the relevant State and Federal Hazardous Substances regulations. Users are referred to the NOHSC website [www.noshsc.gov.au](http://www.noshsc.gov.au) for more information.

Ingredient	CAS Number	Concentration Range%	Symbol(s)	Risk phrases (*)
Carbon tetrachloride	000056-23-5	0 - 1	T,N	R23/24/25 , R40, R48/23, R52/53, R59
Phosphoric acid, tris(methylphenyl) ester	001330-78-5	0 - 1		
Titanium dioxide	013463-67-7	1 - 2.5		

Non hazardous ingredients to a total of 100%

\* The full text of the above phrases are shown in section 16.

**4. First aid measures****General**

In all cases of doubt, or when symptoms persist, seek medical attention.

Never give anything by mouth to an unconscious person.

**Inhalation**

Remove to fresh air, keep patient warm and at rest. If breathing is irregular or stopped, give artificial respiration. If unconscious place in the recovery position and obtain immediate medical attention. Give nothing by mouth.

**Eye Contact**

Irrigate copiously with clean fresh water for at least 10 minutes, holding the eyelids apart and seek medical attention.

**Skin Contact**

Remove contaminated clothing. Wash skin thoroughly with soap and water or use a recognised skin cleanser. Do NOT use solvents or thinners.

**Ingestion**

If accidentally swallowed obtain immediate medical attention. Keep at rest. Do NOT induce vomiting.



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HAA677

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**5. Fire-fighting measures**

Recommended extinguishing media; alcohol resistant foam, CO<sub>2</sub>, powder, water spray.

Do not use - water jet.

Note; Fire will produce dense black smoke. Decomposition products may be hazardous to health. Avoid exposure and use breathing apparatus as appropriate.

Cool closed containers exposed to fire by spraying them with water. Do not allow run off water and contaminants from fire fighting to enter drains or water courses.

**6. Accidental release measures**

Ventilate the area and avoid breathing vapours. Take the personal protective measures listed in section 8.

Contain and absorb spillage with non-combustible materials e.g. sand, earth, vermiculite. Place in closed containers outside buildings and dispose of according to relevant State and Federal regulations. (See section 13).

Clean, preferably with a detergent. Do not use solvents.

Do not allow spills to enter drains or watercourses.

If drains, sewers, streams or lakes are contaminated, inform the relevant Environment Protection Agency.

Empty containers may contain product residues, including flammable or explosive vapours. Do not cut, puncture or weld on or near containers. All label warnings must be observed until the containers have been cleaned or reconditioned.



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**Material Safety Data Sheet**

HAA677

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**7. Handling and storage****Handling****In Storage**

Handle containers carefully to prevent damage and spillage.

**In Use**

Avoid skin and eye contact. Avoid inhalation of vapours and spray mists. Observe label precautions. Use personal protection as shown in section 8.

Smoking, eating and drinking should be prohibited in all preparation and application areas.

Never use pressure to empty a container; containers are not pressure vessels.

**Storage**

Store in a well ventilated, dry place away from sources of heat and direct sunlight.

Store on concrete or other impervious floor, preferably with bunding to contain any spillage. Do not stack more than 3 pallets high.

Keep container tightly closed. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Keep in the original container or one of the same material.

Prevent unauthorised access.



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**Material Safety Data Sheet**

HAA677

**INTERTHERM 677 OFF WHITE**

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**8. Exposure controls and personal protection**

**Engineering Measures**

Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and any vapour below occupational exposure limits suitable respiratory protection must be worn.

**Exposure Limits**

From the NOHSC "Exposure Standards for Atmospheric Contaminants in the Occupational Environment". For detailed information refer to the NOHSC web site ([www.nohsc.gov.au](http://www.nohsc.gov.au)).

Material	Short term (15 min. ave)		Long term (8hr time weighted average)	
	ppm	mg/M3	ppm	mg/M3
Titanium dioxide	-	-	-	10

- (P) Peak exposure limit
- (R) Suppliers Recommended Limit
- (Sk) There is a risk of absorption through unbroken skin
- (Sen) Sensitiser
- (Cat1) Category 1 - established human carcinogen
- (Cat2) Category 2 - probable human carcinogen
- (Cat3) Category 3 - substances suspected of having carcinogenic potential

**Personal Protection**

**Respiratory Protection**

When concentrations exceed the exposure limits shown above workers must wear appropriate respirators approved in accordance AS/NZS1716. Provision of other controls such as exhaust ventilation should be considered if practical.

**Eye Protection**

Wear safety eyewear, e.g. safety spectacles, goggles or visors to protect against the splash of liquids. Eyewear should comply with AS/NZS1337.

Wear a full face shield if mixing or pouring operations pose a risk of splashes.

An eye wash station is suggested as a good work place practice.

**Hand Protection**

Gloves of an appropriate material should be worn during mixing and application.

**Skin Protection**

Overalls which cover the body, arms and legs should be worn. Skin should not be exposed. Barrier creams may help to protect areas which are difficult to cover such as the face and neck. They should however not be applied once exposure has occurred. Petroleum jelly based types such as Vaseline should not be used. All parts of the body should be washed after contact.



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HAA677

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**9. Physical and chemical properties**

Physical State	Liquid
Colour	White
Flash Point (deg C)	63
Autoignition Temperature (°C)	0
Viscosity (cSt)	N/A
Specific Gravity	1.467
Solvent Weight %	0.00
Vapour Density	Heavier than air.
Lower Explosive Limit %	0.0
Solubility in Water	Miscible
R.A.Q. to ventilate to 10% of the LEL (M3/l)	0
Odour (text)	Faint smell

**10. Stability and reactivity**

Stable under recommended storage and handling conditions (see section 7). When exposed to high temperatures may produce hazardous decomposition products such as carbon monoxide, carbon dioxide, oxides of nitrogen and smoke.

Keep away from oxidising agents, strongly alkaline and strongly acid materials in order to avoid possible exothermic reactions.

**11. Toxicological information**

There are no data available on the product itself.



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HAA677

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Revision Date 08/07/03

**12. Ecological information**

There are no data available on the product itself.

The product should not be allowed to enter drains or water courses.

**13. Disposal considerations**

Do not allow into drains or water courses. Wastes and empty containers should be disposed of in accordance with State and Federal regulations.

Using information provided in this data sheet advice should be obtained from the local Waste Regulation Authority as to whether special waste regulations apply.

**14. Transport information**

Transport only in accordance with the following regulations:

Road and Rail  
Transport (ADG) : Non Hazardous

IMDG reference :	Class/Div.		Subsidiary Class
	Proper Shipping Name	Non Hazardous	
	UN No.		MFAG
	Ems		
	Packaging Group		
	Marine pollutant	No	

ICAO/IATA	Shipping Name
	Class
	UN No.
	Packaging Group



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**Material Safety Data Sheet**

HAA677

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Revision Date 08/07/03

**15. Regulatory information**

The following information is provided in accordance with NOHSC guidelines for the labelling of Hazardous Substances.

**Symbol(s)****Contains;****R. Phrases;****S. Phrases;**

Do not breathe vapour/spray.

Use only in well-ventilated areas.

**P. Phrases;**

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HAA677

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Revision Date 08/07/03

**16. Other information**

Contact point:

HSE Department - Health and Safety Advisor  
+61(0)93134555

The information on this MSDS is based upon the present state of our knowledge and on current State and Federal laws. The product should not be used for purposes other than shown in the product data sheet without first obtaining written advice. It is always the responsibility of the user to take all necessary steps to meet the demands of applicable legislation.

The information in this Material Safety Data Sheet is required according to State and Federal legislation and following NOHSC guidance (as amended).

The full text of the R phrases appearing in section 3 is:

R23/24/25 Toxic by inhalation, in contact with skin and if swallowed.

R40 Possible risk of irreversible effects.

R48/23 Toxic: danger of serious damage to health by prolonged exposure through inhalation.

R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R59 Dangerous for the ozone layer.



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