



# Material Safety Data Sheet

## 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

**Product Name:** 701-72422 TOBY AQUAMAX SPORT SATIN PART A

**Recommended Use:** Water based timber finish. Applied by brush.

**Supplier:** Orica Woodcare  
**ABN:** 99 004 117 828  
**Street Address:** 1956 Dandenong Road  
Clayton 3168  
Australia

**Telephone Number:** 1800 011 006 (toll free)  
+61 3 9263 5678

**Facsimile:** 1800 657 977 (toll free)  
+61 3 9543 4346

**Emergency Telephone:** 1 800 033 111 (ALL HOURS)

## 2. HAZARDS IDENTIFICATION

This material is hazardous according to criteria of ASCC; HAZARDOUS SUBSTANCE.

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

**Risk Phrases:** Irritating to eyes and skin.

**Safety Phrases:** Do not breathe vapour. Avoid contact with skin and eyes. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. After contact with skin, wash immediately with plenty of water (or soap and water if product is water insoluble).

**Poisons Schedule:** None allocated.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

Components / CAS Number	Proportion	Risk Phrases
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Water	30-60%	-
7732-18-5		
Synthetic polymer(s)	30-60%	-
-		
N-methyl-2-pyrrolidone	1-<10%	R36/38
872-50-4		
2-Butoxyethanol	1-<10%	R20/21/22, R36/38
111-76-2		
Propylene glycol	1-<10%	-
57-55-6		
Additives	to 100%	-
-		
Triethylamine	<1%	R11, R20/21/22, R35, R41
121-44-8		
2-Dimethylaminoethanol	<1%	R10, R20/21/22, R34, R41
108-01-0		

### 4. FIRST AID MEASURES

For advice, contact a Poisons Information Centre (Phone eg. Australia 131 126; New Zealand 0 800 764766) or a doctor.

**Inhalation:** Remove victim from area of 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, immediately remove any contaminated clothing and wash skin and hair thoroughly with running water. A component of this material can be absorbed through the skin with resultant toxic effects. Seek immediate medical assistance.

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

**Ingestion:** Rinse mouth with water. If swallowed, give a glass of water to drink. Seek medical advice.

**Medical attention and special treatment:** Treat symptomatically.

### 5. FIRE FIGHTING MEASURES

**Hazards from combustion** Not combustible, however following evaporation of the water component of the

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**products:** material, the residual material can burn if ignited. On burning will emit toxic fumes.

**Precautions for fire fighters and special protective equipment:** Fire fighters to wear self-contained breathing apparatus and suitable protective clothing if risk of exposure to vapour or products of combustion.

**Suitable Extinguishing Media:** Not combustible, however, if material is involved in a fire use: Fine water spray, normal foam, dry agent (carbon dioxide, dry chemical powder).

## 6. ACCIDENTAL RELEASE MEASURES

**Emergency procedures:** If contamination of sewers or waterways has occurred advise local emergency services.

**Methods and materials for containment and clean up:** SMALL SPILLS: Wipe up with absorbent (clean rag or paper towels). Allow absorbent to dry before disposing with normal household garbage.  
LARGE SPILLS: Wear protective equipment to prevent skin and eye contact. Slippery when spilt. Avoid accidents, clean up immediately. Avoid breathing in vapours. 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.

## 7. HANDLING AND STORAGE

**Conditions for safe storage:** Store in cool place and out of direct sunlight. Keep containers closed when not in use - check regularly for leaks.

**Precautions for safe handling:** Avoid skin and eye contact and breathing in vapour.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Occupational Exposure Limits:

No value assigned for this specific material by the National Occupational Health and Safety Commission. However, Exposure Standard(s) for constituent(s):

2-Butoxyethanol: 8hr TWA = 96.9 mg/m<sup>3</sup> (20 ppm), 15 min STEL = 242 mg/m<sup>3</sup> (50 ppm), Sk

Dimethylaminoethanol: 8hr TWA = 7.4 mg/m<sup>3</sup> (2 ppm), 15 min STEL = 22 mg/m<sup>3</sup> (6 ppm)

1-Methyl-2-pyrrolidone: 8hr TWA = 103 mg/m<sup>3</sup> (25 ppm), 15 min STEL = 309 mg/m<sup>3</sup> (75 ppm), Sk

Propane-1,2-diol: total (vapour & particulates): 8hr TWA = 474 mg/m<sup>3</sup> (150 ppm)

Triethylamine: 8hr TWA = 8 mg/m<sup>3</sup> (2 ppm), 15 min STEL = 17 mg/m<sup>3</sup> (4 ppm)

As published by the National Occupational Health and Safety Commission.

No Exposure Standards assigned to other constituents.

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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 work day. According to current knowledge this concentration should neither impair the health of, nor cause undue discomfort to, nearly all workers.

'Sk' Notice - absorption through the skin may be a significant source of exposure. The exposure standard is invalidated if such contact should occur.

These Exposure Standards are guides to be used in the control of occupational health hazards. All atmospheric contamination should be kept to 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.

## Engineering controls:

Ensure ventilation is adequate and that air concentrations of components are controlled below quoted Exposure Standards. Keep containers closed when not in use.

## Personal Protective Equipment:

Orica Personal Protection Guide No.1,1998: NOT IN USE

Wear overalls, safety glasses and impervious gloves. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storage or re-use. If risk of inhalation exists, wear organic vapour/particulate respirator meeting the requirements of AS/NZS 1715 and AS/NZS 1716.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state:	Liquid
Colour:	Opaque
Solubility:	Miscible with water.
Specific Gravity:	1.04
Relative Vapour Density (air=1):	>1
Vapour Pressure (20 °C):	N Av
Flash Point (°C):	N App
Flammability Limits (%):	N App
Autoignition Temperature (°C):	N App
% Volatile by Weight:	N Av
Solubility in water (g/L):	Miscible
Melting Point/Range (°C):	N App
Boiling Point/Range (°C):	100 (water)
Decomposition Point (°C):	N Av
pH:	7.5-8.5
Viscosity:	N Av

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Evaporation Rate: N Av

## 10. STABILITY AND REACTIVITY

**Chemical stability:** Stable under normal conditions of use.

**Conditions to avoid:** Avoid contact with foodstuffs.

**Incompatible materials:** Incompatible with oxidising agents.

**Hazardous decomposition products:** Oxides of carbon.

**Hazardous reactions:** None known.

## 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 arise if the product is mishandled and overexposure occurs are:

**Ingestion:** No adverse effects expected, however, large amounts may cause nausea and vomiting.

**Eye contact:** An eye irritant.

**Skin contact:** Contact with skin will result in irritation. Component/s of this material can be absorbed through the skin with resultant toxic effects.

**Inhalation:** Material may be irritant to the mucous membranes of the respiratory tract (airways). Where this material is used in a poorly ventilated area, at elevated temperatures or in confined spaces, vapour may cause irritation to mucous membranes of the respiratory tract, headache and nausea.

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

**Toxicological Data:**  
No LD50 data available for the product.

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity** Avoid contaminating waterways.

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## 13. DISPOSAL CONSIDERATIONS

**Disposal methods:** For large quantities: Refer to Waste Management Authority. Dispose of material through a licensed waste contractor. Normally suitable for disposal at approved land waste site. For small quantities: Do not pour leftover paint down the drain. Unwanted paint should be brushed out on newspaper, allowed to dry and then disposed of via domestic waste collection. Empty paint containers should be left open in a well ventilated area to dry out. When dry recycle the container via steel can recycling programs. Disposal of empty paint containers via domestic recycling programs may differ between local authorities. Check with your local council first.

## 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; NON-DANGEROUS GOODS.

### Marine Transport

Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea; NON-DANGEROUS GOODS.

### Air Transport

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

## 15. REGULATORY INFORMATION

**Classification:** This material is hazardous according to criteria of ASCC; HAZARDOUS SUBSTANCE.

**Hazard Category:** Xi: Irritant

**Risk Phrase(s):** R36/38: Irritating to eyes and skin.

**Safety Phrase(s):** S23: Do not breathe vapour/mist/aerosol.  
S24/25: Avoid contact with skin and eyes.  
S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
S28: After contact with skin, wash immediately with plenty of soap and water.

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**Poisons Schedule:** None allocated.

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

## 16. OTHER INFORMATION

This material safety data sheet has been prepared by SH&E Shared Services, Orica.

**Reason(s) for Issue:**

Format change

Change to Exposure Limits.

This MSDS summarises to our best knowledge at the date of issue, the chemical health and safety hazards of the material and general guidance on how to safely handle the material in the workplace. Since Orica Limited cannot anticipate or control the conditions under which the product may be used, each user must, prior to usage, assess and control the risks arising from its use of the material.

If clarification or further information is needed, the user should contact their Orica representative or Orica Limited at the contact details on page 1.

Orica Limited's responsibility for the material as sold is subject to the terms and conditions of sale, a copy of which is available upon request.

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