

# MATERIAL SAFETY DATA SHEET

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Qthane Gloss and Satin  
Original 11/02/2016

## HAZARDOUS ACCORDING TO THE CRITERIA OF WORKSAFE (AUSTRALIA)

Manufacturer:  
**Quantum Timber Finishes**  
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For advice, contact a Poisons Information Centre (Phone 131126) or a doctor (at once).  
**Emergency – Dial 000, Fire or Police**

### 1. PRODUCT IDENTIFICATION

**Trade Name:** Qthane Gloss and Satin  
**Chemical Family:** Solvent based synthetic resin solution  
**Intended Use:** Timber Floor Coating

### 2. HAZARDS IDENTIFICATION

This material is hazardous according to the criteria of WorkSafe (Australia).  
Classified as Dangerous Goods by the criteria of the Dangerous Goods Code (ADG Code), for transport by Road and/or Rail.

**Risk phrases::** Flammable, Harmful by inhalation, Irritating to skin.  
**Safety Phrases:** Keep away from sources of ignition – No Smoking. Use in well ventilated areas. Avoid contact with skin. Keep away from children.  
**Poisons Schedule:** None allocated

### 3. COMPOSITION/INFORMATION ON INGREDIENTS.

Ingredients	CAS No.	Content% by wt	Risk Phrases
Synthetic resin	Proprietary Resin	<50	Not available
White spirits	64742-88-7	<20	R10, R38, R65
Mineral Turpentine	64475-85-0	<20	R10, R38, R65
Solvent Naphtha	64742-95-6	<20	R10, R38, R65.

### 3. HAZARDS IDENTIFICATION

Hazardous according to criteria of WorkSafe Australia.  
Harmful by inhalation, in contact with skin and if swallowed (Contains schedule 6 poison). Keep away from children. Irritating to eyes and skin.  
Classification: Risk Phrases Xn; R20/21/22. Xi; R36/37/38. Contains C1 and C2 combustible liquids.

### 4. FIRST AID MEASURES:

**Eye Contact:** Immediately flush eyes with large quantities of clean water for at least 15 minutes with eyelids open. Get immediate medical attention.

**Skin Contact:** Remove contaminated clothing immediately and wash skin with soap and water. Get medical attention if irritation develops or persists. Wash contaminated clothing before reuse.

**Ingestion:** Give the victim one or two glasses of water or milk to drink. Never give anything by mouth to an unconscious person. If swallowed DO NOT induce vomiting. Seek medical attention.

**Inhalation:** Remove affected individual(s) to fresh air. Seek immediate medical attention if breathing difficulty develops. If breathing has stopped apply artificial respiration.

**Note to physician:** Treat symptomatically

### 5. FIRE FIGHTING MEASURES

**THIS PRODUCT CONTAINS Class C1 and C2 COMBUSTIBLE LIQUIDS.**

**Flash Point:** 37 Centigrade (closed cup) Stoddard Solvent

**Auto-ignition:** Not available

**General Hazards:** Containers of this material may build up pressure if exposed to heat (fire). See information in Fire Fighting Instructions (below) in this section.

**Fire Fighting Extinguishing Media:** Use alcohol resistant foam, dry chemical, carbon dioxide, or water spray to extinguish fire.

**Fire Fighting Equipment:** Wear self-contained breathing apparatus (SCBA) and full fire-fighting protective clothing. Thoroughly decontaminate all protective equipment after use.

**Fire Fighting Instructions:** Evacuate all persons from the fire area to a safe location. Move non-burning material, as feasible, to a safe location as soon as possible. Fire fighters should be protected from potential explosion hazard while extinguishing the blaze. Containers of this material may build up pressure if exposed to heat (fire). Use water spray to cool fire-exposed containers.

**Fire and Explosion Hazards:** This material contains combustible liquids.

**Hazardous Combustion Products:** Combustion may produce carbon monoxide, carbon dioxide and oxides of nitrogen plus irritating or toxic vapors and gases.

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## 6. ACCIDENTAL RELEASE

**Accidental Release Measures:** FOR SMALL SPILLS: Absorb spill with inert material (e.g., dry sand or earth), then place in a chemical waste container.

LARGE SPILL: Persons not wearing protective equipment (see Section 8) should be excluded from the area of the spill until cleanup has been completed. Prevent spilled material from (1) contaminating soil, (2) entering sanitary sewers, storm sewers, and drainage systems, and (3) entering bodies of water or ditches that lead to waterways. Shut off the leak when it is safe to do so, dike and pump the liquid into waste containers.

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## 7. HANDLING & STORAGE

**Handling Information:** Open containers cautiously as contents may be under pressure. Avoid inhalation and contact with eyes, skin, and clothing. Wash hands thoroughly after handling and before eating or drinking. Remove and wash contaminated clothing before reuse. Use with adequate ventilation.

**Storage Information:** Store in cool, dry, and well ventilated place. Avoid exposure to direct sunlight, sources of heat or ignition. Keep container tightly closed when not in use. This material contains class C1 and C2 combustible liquids and must be stored according to the dictates of AS/NZ.1940.

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## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Engineering Controls:** Use general ventilation to maintain airborne concentrations to levels that are below regulatory and recommended occupational exposure limits. See occupational exposure limits in Section 2. Local ventilation may be required during certain operations.

**Eye Protection:** Wear 1) safety glasses with side shields and a face shield or 2) goggles and a face shield. Facilities storing or utilizing this material should be equipped with an eyewash station and safety shower.

**Skin Protection:** Wear chemical and solvent resistant gloves. If splashing is likely, wear impervious clothing and boots to prevent repeated or prolonged skin contact. Consult your supplier of personal protective equipment for additional instructions on proper usage.

**Respiratory Protection:** An approved air purifying respirator (AS/NZS 1715 & 1716) with organic vapor cartridge or canister may be necessary under certain circumstances where airborne concentrations are expected to exceed exposure limits.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	Slightly viscous amber Liquid
<b>Odour:</b>	Mild turpentine and resinous odour
<b>Physical State:</b>	Pourable viscous liquid
<b>Solubility in Water:</b>	Insoluble in water, soluble in aromatic organic solvents
<b>Flash Point:</b>	37 degrees centigrade, (Stoddard Solvent).
<b>Viscosity:</b>	Newtonian
<b>Vapour Pressure</b>	0.8kPa @38 centigrade (for white spirits)
<b>Specific Gravity:</b>	0.90 - 0.98 at 25°C
<b>Boiling Point:</b>	147 -199 ° C (for white spirits)
<b>Evaporation Rate:</b>	0.16 for white spirits (n-butyl acetate = 1)
<b>Relative Vapour Density:</b>	4.6 (for white spirits) air =1.
<b>% Volatile:</b>	approx 52%
<b>pH:</b>	Not applicable
<b>Volatile Organic Compounds:</b>	Less than 550g/litre

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## 10. STABILITY & REACTIVITY

**Stability:** This material is stable during storage and during its intended use.

**Incompatibility:** Avoid contact with strong oxidizing agents. Avoid contact with strong alkalies.

**Hazardous Decomposition Products:** Thermal decomposition may form: carbon monoxide, carbon dioxide, oxides of nitrogen and various hydrocarbons.

**Hazardous Polymerization:** Hazardous polymerization will NOT occur.

**Conditions to Avoid:** Temperatures above 45 degrees centigrade.

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## 11. TOXICOLOGICAL INFORMATION

**Eye:** Irritant to the eyes, may produce redness, tears, stinging and possible swelling.

**Skin:** May irritate the skin resulting in redness and itching. High risk of absorption through the skin. LD50(rabbit) = 8000mg/kg.

**Inhalation:** Inhalation of vapour or mist may result in irritation of the respiratory tract at high concentrations

**Oral:** Ingestion may irritate the mouth, oral cavity, throat and gastro-intestinal tract. May also cause nausea, vomiting and diarrhoea. If these symptoms occur, ensure victim does not swallow vomit, seek immediate medical attention.

**Chronic/Carcinogenicity:** This material does not contain 0.1% or more of any chemical listed by the International Agency for Research on Cancer (IARC), the National Toxicology Program (NTP), or regulated by the United States Occupational Safety and Health Administration (OSHA) as a carcinogen.

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## 12. ECOLOGICAL INFORMATION

**Ecotoxicity:** Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

**Environmental Fate:** Not available.

**Free of Hazardous Air pollutants (HAPS).**

**Avoid contamination of waterways.**

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## 13. DISPOSAL CONSIDERATIONS

Refer to State/Territory Land Waste Management Authority. Normally suitable for incineration by approved agent. Advise flammable nature. Do not pour left over material into drainage system.

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## 14. TRANSPORT INFORMATION

### Road and Rail Transport

Classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code), IMDG & IATA. DANGEROUS GOODS.

Un No: 1263  
Class-primary: 3 Flammable Liquid  
Packaging group: 111  
Proper Shipping Name: PAINT  
Hazchem code: 3Y

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## 15. REGULATORY INFORMATION

Hazardous according to the criteria of WorkSafe Australia.

### R Phrases

R20/21/22 Harmful by inhalation, in contact with skin and if swallowed.  
R36/37/38 Irritating to eyes, respiratory system and skin.

### S Phrases

S16 Keep away from sources of ignition – no smoking.  
S24 Avoid contact with skin.  
S36/37/39 Wear suitable protective clothing, gloves and eye / face protection  
S45 In case of accident, or if you feel unwell, seek medical advice immediately (show label whenever possible)  
S51 Use only in well ventilated area.

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**16. OTHER INFORMATION**

\*\*\* All components within Qthane Gloss or Satin are listed on the AICS\*\*\*

Reason Issued: Compliance with "Hazardous Substances – Code of Practice (2000)"  
Prepared By: Quantum Timber Finishes - Safety & Compliance Department  
Date: February 2016

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