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Material Safety Data Sheet

Issue Date: August 2004

MODIFIED OIL

PRODUCT IDENTIFICATION

PRODUCT NAME: MODIFIED OIL GLOSS
 MODIFIED OIL SATIN

OTHER NAMES: 1. Oil Finish Gloss
 2. Oil Finish Satin

HAZARDOUS SUBSTANCE: No (As per the criteria of WorkSafe Australia).

CAS NO.: PROPRIETARY **UN NO.:** 1866

D.G. CLASS: 3 **HAZCHEM:** 3[Y]

PACK. GRP.: III

POISONS SCHEDULE: S5 **SUBSISIARY RISK:** Nil

MANUF. MANCODE: URECOAT

PRODUCT USE: Coating for TIMBER FLOORS.

INGREDIENTS

<u>CHEMICAL ENTITY:</u>	<u>CAS No:</u>	<u>PROPORTION:</u>
Resin	Proprietary	30%-35%
White Spirit	64742-88-7	60%-65%

PHYSICAL DESCRIPTION / PROPERTIES

- **APPEARANCE:** Clear Yellow Liquid.
- **BOILING POINT (°C):** 149 – 196 (Range)
- **VAPOUR PRESSURE (@ 38°C):** 0.43Kpa @15c
- **SPECIFIC GRAVITY (@ 25°C):** 0.89
- **FLASH POINT (°C):** 37 (TAG Closed Cup)
- **FLAMMABILITY LIMITS**
- **(% By Volume):** 1.0 – 7.5
- **REL. VAPOR DENSITY (Air = 1):** 4.5
- **PERCENT VOLATILES:** 35

OTHER PROPERTIES:

Auto ignition Temp. (°C): 250

HEALTH EFFECTS

Acute – Ingestion	Ingestion can result in nausea, vomiting and diarrhoea.
Acute – Eye	A moderate eye irritant. May cause redness, tearing or blurred vision.
Acute – Skin	Contact with the skin may result in mild irritation.
Acute – Inhalation	Vapour is irritant to mucous membranes and respiratory tract. Inhalation of high concentrations can cause central nervous system depression with effects such as loss of co-ordination, impaired judgement, headache, and if exposure is prolonged, unconsciousness.
Chronic	Prolonged or repeated skin contact may lead to defatting and dermatitis.

FIRST AID

Ingestion	Rinse mouth with water. Give water to drink. Do NOT induce vomiting. If vomiting occurs, place person's face downwards, head lower than hips to prevent vomit entering lungs. This is especially important as aspiration of this material into the lungs can cause Chemical Pneumonitis that can be fatal. Seek immediate medical advice and/or call poisons information centre, Australia 131126.
Eye	Irrigate with copious quantities of water for 15 minutes, ensure eyelids are held open. Seek medical advice if any pain or redness develops or persists.
Skin	Wash skin thoroughly with soap and water as soon as reasonably practicable. Remove contaminated clothing and wash underlying skin. Launder clothing before re-use. If swelling, redness, blistering or irritation occurs seek medical advice.
Inhalation	If affected remove the casualty to fresh air, taking care not to become a casualty yourself. Remove any contaminated clothing and loosen remaining clothing. If breathing is normal allow the patient to assume the most comfortable position and keep warm. Keep at rest until fully recovered. If breathing is difficult and patient is cyanotic (blue) ensure airways are clear and have a qualified person administer oxygen. If breathing has stopped commence Expired Air Resuscitation (C.P.R.) and seek urgent medical attention.
Other Information	Eye wash fountains and safety showers should be easily accessible.

ADVICE TO DOCTOR

Advice to Doctor	Treat symptomatically.
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OTHER HEALTH HAZARD INFORMATION

PRECAUTIONS FOR USE

Exposure Limits No value has been assigned for this specific material or for White Spirits. However the Exposure Standard for Mineral Turpentine, as published by WorkSafe Australia 1995, is:

<u>Name</u>	<u>Mg/m³ TWA</u>	<u>ppm TWA</u>
Mineral Turpentine	480	

Other Exposure Info. Exposure Standard means the average concentration of a particular substance in the worker's breathing zone, exposure to which, according to current knowledge, should not cause adverse health effects nor cause undue discomfort to nearly all workers. It can be of three forms: Time Weighted Average (TWA), means the average airborne concentration of a particular substance when calculated over a normal eight-hour working day, for a five-day working week; peak limitation; or short term exposure limit (STEL).

Engineering Controls Ensure ventilation is adequate to maintain air concentrations below exposure standards. Keep containers closed when not in use. Vapour heavier than air – prevent concentration in hollows or sumps. DO NOT enter confined spaces where vapour may have collected.

PERSONAL PROTECTION

Protective Equipment Avoid eye and skin contact. Avoid inhaling the vapour or mist. Follow normal industrial safety practices. The use of protective clothing and equipment depends on the degree of exposure. The following personal protective equipment should be used:

Respiratory Protection Where concentrations in air exceed recommended exposure limits, or work practice or other means of exposure reduction are not adequate, use respirator fitted with filters that conform with AS 1716.

Eye Protection Use safety glasses, chemical goggles or face shield as appropriate, refer AS 1337.

Hand Protection Use chemical resistant rubber gloves, refer AS 2161.

Protective Clothing Use long sleeved chemical resistant overalls, fastened at neck and wrists, refer AS 3765.

Footwear Wear chemically impervious safety shoes/boots, refer AS 2210.

Work/Hygienic Practices Ensure high level of personal hygiene is maintained when using this product. Always wash hands before eating, drinking etc.

FLAMMABILITY

Fire Hazards Flammable liquid. All potential sources of ignition (open flames, pilot lights, furnaces, spark producing switches and electrical equipment etc.) must be eliminated both in and near the work area. Do NOT smoke.

SAFE HANDLING INFORMATION

Storage and Transport

Storage Precautions Store and transport in accordance with AS 1940-1993 and local and state regulations. Store in a cool well ventilated area. Store away from sources of heat or ignition. Store away from oxidising agents and foodstuffs. Keep containers closed when not in use. Check regularly for leaks.

Spills and Disposals

Spills and Leaks **SMALL SPILLS:** Extinguish or remove all potential sources of ignition. Increase ventilation. Avoid contact with liquid. Absorb with an inert non-combustible material such as vermiculite or sand. Wear full protective clothing and goggles. Prevent run off into drains or waterways. Collect and place into drums with non-sparking tools for recovery or disposal.

LARGE SPILLS: Inform Authorities if a major spillage occurs. Evacuate all non-emergency personnel from area. Keep public away. Warn occupants downwind. Dike area far ahead of liquid and recover. Extinguish all ignition sources. Prevent entry into drainage systems, rivers etc. Collect with absorbent material such as sand, earth or vermiculate. Ensure waste disposal conforms Local, State and Federal regulations.

Fire/Explosion Hazard

Fire/Explos. Hazards Flammable liquid. Keep containers cool with water spray. Fire fighters to wear self-contained breathing apparatus if risk of exposure to vapour or products of combustion.
EXTINGUISHING MEDIA: Foam, carbon dioxide, or dry chemical powder. Use water fog. Use water spray.
Avoid spreading liquid and fire by water flooding.

Hazardous Reaction **STABILITY:** Stable.
CONDITIONS TO AVOID: Sparks, heat, sources of ignition.
INCOMPATIBILITIES (MATERIALS TO AVOID): Oxidising agents, HAZARDOUS.
ECOMPOSITION OR BYPRODUCTS: Oxides of carbon. (CO₂, CO), and various hydrocarbons. HAZARDOUS
POLYMERIZATION: Will not occur.

Hazchem Code 3[Y]E

Other Information**Packaging and Labelling**

20 Litre drums containing 17.8Kg,
10 Litre drums containing 8.9Kg.
Class 3 labels according to Australian Code for Transport of
Dangerous Goods and labels to meet the requirements of a
Schedule 5 poison.

Shelf Life

This product is best if used within 12 months from manufacture
(refer to batch number), when stored in unopened containers
under normal conditions of temperature and humidity.

CONTACT POINT

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End of MSDS