

MATERIAL SAFETY DATA SHEET

FLOORCOAT SOLVENT (water based)

Date : 1 July 2003

HAZARDOUS NATURE Non-dangerous goods. Not classified as a Dangerous Good according to NZS 5433: 1999

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IDENTIFICATION

PRODUCT NAME	Floorcoat Solvent
Manufacturers Product Code	THN
Shipping Name	Water based solvent
U.N. Number	Not classified
Dangerous Goods Class	Not Applicable
Subsidiary Risk	Not Applicable
Hazchem Code	None allocated
Toxic Substances Schedule	Not Scheduled
Packing Group	Not Applicable
Uses	Water based solvent with solvates and surfactant

PHYSICAL DESCRIPTION/PROPERTIES

Appearance & Odour	Clear liquid with low odour
Boiling Point	> 200 deg C
Specific Gravity @ 20°C	0.97 – 1.0
Flash Point, °C	>150
Flammability Limits	No Data
Volatile Content	>95% by Weight
Solubility in Water, % mass	Miscible

INGREDIENTS

Chemical Entity	CAS No.	Weight%	LD50	Hazard Symbols	Risk Phrases
Hydrous ethyl alcohol	64-17-5	10-15			R11/20/21/22,R34 R52
Ethoxylated alkylphenol polyglycoether-5-10					R11/20/21/22,R34R52

Ingredients determined to be non hazardous, or below the hazardous threshold: to 100%

HEALTH HAZARD INFORMATION

HEALTH EFFECTS

ACUTE EFFECTS OF OVER EXPOSURE

SWALLOWED	Slightly toxic Not expected to cause health effects.
EYE CONTACT	Irritating, causing redness and burning sensation.
SKIN CONTACT	Can cause mild skin irritation or dermatitis, and may cause moderate to strong sensitizing of skin on prolonged or repeated contact.
INHALED	Not expected to be an inhalation hazard under normal conditions. Vapour at elevated temperatures may cause respiratory irritation.
CHRONIC EFFECTS OF OVER EXPOSURE	No acute toxicity data available. Irritation and sensitization of the skin after prolonged exposure, or repeated contact is possible.
OTHER HEALTH	Can be classified as practically non-toxic, and at most, slightly toxic percutaneously. Eye irritation is expected to be, at most moderate. Ingestion can cause nausea, vomiting and inebriation; chronic use can cause serious liver damage. Note that "absolute" alcohol, which is close to 100% ethanol, may nevertheless contain traces of 2-propanol, together with methanol or benzene. The latter two are very toxic, while "denatured" alcohol has substances added to it which make it unpleasant and possibly hazardous to consume. Typical OEL 1000 mg/m3.

EMERGENCY AND FIRST AID

SWALLOWED	No specific measures are indicated as not expected to cause adverse health effects.
EYES	Flush eyes with copious quantities of fresh water for at least fifteen (15) minutes. Retract eyelids frequently. Seek medical attention immediately!
SKIN	Wash skin thoroughly with soap and water. If skin irritation occurs, the affected should be removed from all association with solvents, resins, curing agents and formulated mixtures and referred to a doctor.

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INHALATION

No specific measures are necessary at normal temperatures. Vapour of mixed product at elevated temperatures can cause mild irritation. Remove the affected to fresh air source.

PRECAUTIONS FOR USE

REACTIVITY DATA**STABILITY****STABLE**

When stored separately in tightly sealed original container.

CONDITIONS TO AVOID

Temperatures above 200-250°C.

HAZARDOUS COMBUSTION**OR DECOMPOSITION PRODUCTS**

Not applicable

EXPOSURE STANDARDS

TVL TWA: [ACGIH]

TVL STEL: [ACGIH]

PEL TWA: [OSHA Z1]

ENGINEERING CONTROLS

Local exhaust not required. Adequate ventilation to keep vapour concentrations below TLV recommended

SAFE HANDLING INFORMATION

STORAGE

Store in original container. Keep container closed at all times. Store in a cool, well ventilated place, below 25°C. Store away from heat, naked flames, and sparks. Store away from direct sunlight. Store away from oxidizing agents, and their vapours.

Store securely away from children. Keep away from foodstuffs, drink, and washing areas.

TRANSPORT**SPILLS AND DISPOSAL**

For local transportation within New Zealand refer NZS 5433:1999

Not classified as Flammable.

Spills Minor – Dilute with water.

Spills Major – Wear appropriate protective clothing and equipment. Dyke area of spill. Transfer to empty plastic drums. Arrange for disposal by a competent contractor, in accordance with local regulations.

Disposal – Preferably use up all of the material before disposing of the container. If it is not possible to use up all of the material, arrange for disposal by a competent hazardous waste contractor by incineration or landfill as appropriate, in accordance with local regulations.

FIRE EXPLOSION HAZARD

Not deemed to be a Fire Explosion Hazard.

OTHER INFORMATION**SAFETY****RISK & SAFETY PHRASES**

Refer to Technical Data Sheet for this product for Directions for Use.

Risk Phrases :

R20/21/22,

R34/35/36 Irritating to eyes and skin

R51

Safety Phrases :

S28 After contact with skin, wash immediately with plenty of soap and water

S37/39 Wear suitable gloves and eye/face protection

CONTACT POINT

Manager 649 573 1112 or 027 438 9946 (24 Hours)

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