

Section I. Product Identification and Uses

HMIS (HFRP)

Health Hazard 1
Fire Hazard 0
Reactivity 0
Personal Protection b

Common / Trade name	THERMOTHANE	TDG	Not regulated material under TDG (Canada).
WHMIS	D2A, D2B	PIN	None
Code	1111	PG	None
Material uses	Floor sealer.		

Section II. Hazardous Ingredients

Name	CAS #	% by weight	TLV/PEL	LC50/LD50
Diethylene glycol monobutyl ether	112-34-5	1-5	Not available.	Not available.
Dibutyl phthalate	84-74-2	1-5	Not available.	ORAL (LD50): Acute: 3181 mg/kg [Rat]. DERMAL (LD50): Acute: 25000 mg/kg [Rabbit].
Diethylene Glycol ethyl ether	111-90-0	1-5	Not available.	ORAL (LD50): Acute: 5500 mg/kg [Rat]. DERMAL (LD50): Acute: 8500 mg/kg [Rabbit].
Ethylene glycol	107-21-1	1-5	Not available.	ORAL (LD50): Acute: 4700 mg/kg [Rat]. DERMAL (LD50): Acute: 9530 mg/kg [Rabbit].
Tributoxy Ethyl Phosphate	78-51-3	0.1-1	Not available.	ORAL (LD50): Acute: 9490 mg/kg [Rat]. DERMAL (LD50): Acute: 10000 mg/kg [Rat].

Section III. First Aid Measures

Eye contact IMMEDIATELY flush eyes with running water for at least 15 minutes, keeping eyelids open. COLD water may be used. If irritation persists, seek medical attention.

Skin contact Gently and thoroughly wash the contaminated skin with running water and non-abrasive soap. If irritation persists, seek medical attention.

Inhalation Allow the victim to rest in a well ventilated area. Seek medical attention if discomfort persists.

Ingestion DO NOT induce vomiting. Have conscious person drink several glasses of water. NEVER give an unconscious person anything to ingest. Seek immediate medical attention.

Section IV. Physical Data

Physical state and appearance	Opaque Liquid.	Colour	White.
pH (1% soln/water)	7.5 to 8 (Conc. (% w/w): 100)	Odour	Mild acrylic.
pH (concentrate)	7.5-8	Volatility	Not available.
Boiling point	The lowest known value is 100°C (212°F) (Water). Weighted average: 127.37°C (261.3°F)	Vapour density	Weighted average: 1.4 (Air = 1)
Specific gravity	1.020-1.025 (Water = 1)	Vapour pressure	The highest known value is 2.3 kPa (17.2 mm Hg) (at 20°C) (Water). Weighted average: 1.86 kPa (13.95 mm Hg) (at 20°C)
Solubility	Easily soluble in cold water and hot water.		

Section V. Fire and Explosion Data

The product is Non-flammable.

Auto-ignition temperature Not applicable.

Flash points Not applicable.

Degradation products Carbon oxides (CO, CO2)

Extinguishing media Use DRY chemicals, CO2, water spray or foam.

Section VI. Reactivity data

Stability The product is stable. (Yet this product is sensitive to drastic changes of temperature)

Decomp. products See fire degradation products.

Reactivity Slightly reactive to reactive with oxidizing agents, reducing agents, acids, alkalis. Very slightly to slightly reactive with organic materials. Non-reactive with metals.

Section VII. Toxicological properties

Route of entry Ingestion. Eye contact. Skin contact. Inhalation of the spray mist.

Toxicity for animals See section II.

Acute effects Dangerous in case of ingestion. This product may irritate eyes upon contact. Prolonged contact may cause skin irritation or defatting. Spray mist may produce tissue damage particularly on mucous membranes.

Chronic effects CARCINOGENIC EFFECTS: Not available. MUTAGENIC EFFECTS: Not available. TERATOGENIC EFFECTS: Not available. DEVELOPMENTAL TOXICITY: Not available. The substance may cause target organs effects. Repeated exposure may cause chronic eye and skin irritation.

Section VIII. Preventive measure

Waste disposal Dispose of material according to regional, provincial and federal regulations.

Storage Store in a dry, cool and well ventilated area. Keep away from freezing.

Precautions No additional information.

Spill and leak Dilute with water and mop up, or absorb with an inert DRY material and place in an appropriate waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements.

Section IX. Personal protective equipment

Gloves Gloves (impervious).

Respiratory Wear appropriate respirator when ventilation is inadequate.

Eyes Safety glasses.

Other Full suit, face shield, boots: are recommended under exceptional circumstances such as fire or spil..

Eng. controls Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value.

Section X. Preparation and other Information

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EMERGENCY: EMERGENCY: CANUTEC 613-996-6666

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy of completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

Annex A. Legend

HMIS Hazardous Materials Identification System

WHMIS WHMIS Workplace Hazardous Materials Information System

TDG Transport Dangerous Goods

PIN Product Identification Number

PG Packaging Group
