



FRASER BROWN & STRATMORE LTD.

Products for Concrete and Construction

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MATERIAL SAFETY DATA SHEET

PRODUCT: TEMCOAT

CHEMICAL FAMILY: Hydrocarbon Wax Solution

SECTION A	IDENTIFICATION	TEMCOAT
UN Number	1993	
Proper Shipping Name	FLAMMABLE LIQUID N.O.S	
NZ Dangerous Good class	3	
Packaging Group	III	
Hazchem	3[Y]	
Caution:	Harmful Substance. Keep out of reach of children.	

SECTION B	HAZARDOUS INGREDIENTS	TEMCOAT
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No.	Name	CAS Number	Content	TLV Value (mg/m ³)
1	Low aromatic white spirit	64742-82-1	—	Not established

SECTION C	PHYSICAL DATA	TEMCOAT
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VAPOUR DENSITY (Air = 1)	NE
BOILING POINT IN DEGS C	150
SOLUBILITY IN WATER	Nil
SPECIFIC GRAVITY	0.78
PERCENT VOLATILE BY VOLUME	100
EVAPORATION RATE (NbuA = 1)	0.19
APPEARANCE AND ODOUR	Low viscosity, white opaque liquid, "clean smell"

SECTION D	FIRE AND EXPLOSION DATA	TEMCOAT
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FLASH POINT	36°C
AUTOIGNITION TEMPERATURE	>250°C

SPECIAL FIREFIGHTING PROCEDURES AND UNUSUAL FIRE AND EXPLOSION HAZARDS

CAUTION! **Flammable/combustible liquid & vapour.** Product is flammable/combustible and will burn when exposed to heat, spark or flame. Use self-contained breathing apparatus and protective clothing. Do not direct a solid stream of water or foam into hot, burning pools; this may cause frothing and increase fire intensity. Fight fire from a safe distance. When mixed with air and exposed to a source of ignition, vapours may burn or explode. Flammable vapours are heavier than air and may travel long distances before igniting/flashing back to the vapour source. Liquid is immiscible with water and will float on water.

Wear protective clothing and self-contained breathing apparatus.

EXTINGUISHING MEDIA

Water spray, foam, dry chemical, carbon dioxide, sand or earth. Do not use water jet.

SECTION E	HEALTH HAZARD DATA	TEMCOAT
INGESTION	Low Toxicity. Acute Oral LD50 (rat) > 2000mg/kg. Aspiration into the lungs may cause chemical pneumonitis that can be fatal.	
SKIN CONTACT	Low toxicity. Acute Dermal LD50 (rat) > 2000 mg/kg. Slight irritant. Prolonged or repeated contact may cause defatting of the skin that can lead to dermatitis. Wear gloves and overalls and eye protection when applying.	
INHALATION	Low toxicity. Acute inhalation LC 50 (rat) > 5mg/l.	
EYE CONTACT	Avoid contact with eyes. Wear eye protection at all times during handling and use.	
FIRST AID:	In all cases of suspected poisoning, seek Medical Aid at once. In the interim, the following first aid measures are appropriate.	
INHALATION	If inhaled remove to fresh air. If not breathing give artificial respiration, preferably mouth to mouth. If breathing is difficult seek medical attention. Call a physician if rapid recovery does not occur.	
SWALLOWED	DO NOT induce vomiting. Do not give anything by mouth to an unconscious person. Seek immediate medical attention.	
EYE CONTACT	In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses if worn. Call a physician if discomfort continues.	
SKIN CONTACT	Remove contaminated clothing and shoes. Wash affected area with plenty of water and soap. Remove contaminated clothing and launder before re-use. Do not use solvents to clean skin. If irritation or redness develops and persists, seek medical attention. Call a physician if necessary.	

EMERGENCY CONTACT NUMBER

Poisons and Hazardous Chemicals Information Centre, phone (03) 474 7000

IN CASE OF FIRE USE EXTINGUISHING AGENTS RECOMMENDED.

SECTION F	REACTIVITY DATA	TEMCOAT
STABILITY		
Stable		
MATERIALS TO AVOID		
Avoid sources of heat, naked flames and sparks. No smoking. Take precautionary measures against static discharges. Earth all equipment. Do not use compressed air for discharging or handling. Avoid contact with skin, eyes and clothing. Do not breathe vapour.		
HAZARDOUS DECOMPOSITION PRODUCTS		
Initially flammable solvent vapours. Carbon monoxide. Do not breathe smoke or fumes. Wear appropriate protective gear.		
HAZARDOUS POLYMERIZATION		
Will not occur.		

STEPS TO BE TAKEN WHEN MATERIAL IS SPILLED OR RELEASED**WARNING FLAMMABLE - ELIMINATE ALL SOURCES OF IGNITION.**

Evacuate area of all non-essential personnel.

Small Spill

Soak up liquid with an absorbent material such as sand, earth, sweeping compound or other absorbent material. Shovel up and place in a labelled sealable container that is in good condition for subsequent disposal. Flush contaminated area with water.

Large Spill

Prevent the spilt liquid from spreading by the use of sand and earth. Transfer to a suitable container for subsequent disposal.

Thoroughly clean area where spill occurred with water.

WASTE DISPOSAL METHOD

Transfer waste to a labelled, sealable container for safe disposal. Dispose of in accordance with local rules. Be aware that local requirements may differ widely depending on location and may in many cases be different from national rules. When intending to dispose of this material, the user is advised that this product may be classified as a Hazardous Waste under Regulations in effect at the time this MSDS was created.

VENTILATION

Local exhaust is preferred to control vapour concentration. Use only in a well-ventilated area. If there is a ventilation risk, wear a half mask respirator fitted with organic vapour cartridge.

PROTECTIVE GLOVES

Nitrile rubber, PVC or Butyl gloves

EYE PROTECTION

Safety glasses are recommended.

OTHER PROTECTION

Clothing to prevent skin contact (e.g., overalls) and solvent resistant safety boots (no eyelets). Safety shower and eye bath.

PRECAUTIONS FOR HANDLING AND STORING

Store in a cool location (15-25 degrees C) away from sunlight and any source of heat, sparks or flame. Keep container tightly closed when not being used.

OTHER PRECAUTIONS

Use with adequate ventilation; avoid breathing of vapours, especially if product is sprayed. Avoid skin contact. Use in an area free from flame and sparks.

Prevent contamination of soil and water. Product floats on water. Product solvent may contaminate groundwater. Solvent carriers expected to be readily biodegradable and oxidise rapidly by photochemical reactions in air.

IMPORTANT NOTICE:

The above recommendations are intended for the assistance of users and are of a general nature. They are based on our experience and judgement but because the conditions under which, and the materials with which our products are used, are beyond our control our recommendations must not be regarded as amounting to legal warranty or as involving any liability on us.