



MATERIAL SAFETY DATA SHEET

PRODUCT NAME: PERMASEAL TERRAZZO & CONCRETE SEALER
PRODUCT CODE: 101-2080/P
PRODUCT USE: SEALER
WHMIS CODES: B2 D2B

HMIS CODES: H F R P
2* 2 0 H

SECTION I - MANUFACTURER IDENTIFICATION

MANUFACTURED FOR

SUPPLIED BY: FRANK'S MAINTENANCE PRODUCTS INC.
ADDRESS: 1299 STRASBURG ROAD, KITCHENER, ON N2R 1H9

EMERGENCY PHONE: 613-996-6666

PREPARED BY: TECHNICAL DEPARTMENT

DATE REVISED: APRIL 27, 2012

PHONE: 519-748-4433
TOLL FREE: 1-800-265-6535

SECTION II - HAZARDOUS INGREDIENTS/SARA III INFORMATION

HAZARDOUS COMPONENTS/WEIGHT PERCENT	OSHA PEL	OCCUPATIONAL			EXPOSURE LD50 SPECIES & ROUTE	LIMITS LC50 SPECIES & ROUTE
		ACGIH	TLV	OTHER		
XYLENE (CAS 1330-20-7)	(80%)	100 ppm	100 ppm	SKIN(RABBIT) 4G/KG	INHL (RAT) 6500ppm/4H	

toxic chemical (s) subject to the reporting requirements of section 313 of title III and of 40 CFR 372 are present.

N/D - NOT DETERMINED

N/E - NOT ESTABLISHED

LISTED ON THE DOMESTIC SUBSTANCE LIST (DSL): YES, LISTED ON TSCA AND EINECS

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT: 139-142 deg. C **SPECIFIC GRAVITY (H2O=1):** .9
VAPOR DENSITY: Heavier than air
EVAPORATING RATE: Faster than n-butyl acetate
COATING V.O.C.: 7.43 LBS/IMP GAL 6.19 LBS/US GAL 742 GMS/LTR
SOLUBILITY IN WATER: Negligible
APPEARANCE AND ODOR: Clear mobile liquid, mild aromatic odour
FREEZING POINT: -54deg C pH: N/D
COEFFICIENT OF WATER/OIL DIST: N/D **ODOR THRESHOLD:** N/C

SECTION IV FIRE AND EXPOSION HAZARD DATA

FLASH POINT: 26 deg C **METHOD USED:** TCC
FLAMMABLE LIMITS IN AIR BY VOLUME - LOWER: 1.0% **UPPER:** 7.0%

EXTINGUISHING MEDIA: Foam, alcohol foam, CO2, dry chemical, water fog. Other

SPECIAL FIREFIGHTING PROCEDURES

Respiratory and eye protection required. Wear a self-contained breathing apparatus. Use water spray to cool fire exposed containers.

UNUSUAL FIRE AND EXPOSION HAZARDS

Vapours may form explosive mixture in air. Vapours are heavier than air and may flashback to ignition sources distant from the point of handling.

FLAMMABILITY - T.D.G.R. CLASS

Paint and paint related materials
CLASS 3, UN 1263 PKG. GROUP III

SENSITIVITY TO IMPACT

None

SENSITIVITY TO STATIC DISCHARGE

Yes

SECTION V - REACTIVITY DATA

STABILITY: Stable

CONDITIONS TO AVOID

Excessive heat, sparks, open flames and all other ignition sources

INCOMPATIBILITY (MATERIALS TO AVOID)

Strong oxidizing agents, and alkalis.

HAZARDOUS DECOMPOSITION OR BY PRODUCTS - Carbon dioxide, carbon monoxide

HAZARDOUS POLYMERIZATION: Will not occur.

SECTION VI - HEALTH HAZARD DATA**INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE**

Irritation to the eyes and respiratory tract and may cause headaches, dizziness, aesthesia, drowsiness, unconsciousness, and central nervous system depression.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE

Irritating but will not injure eye tissue. Repeated or prolonged contact may cause skin irritation.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

Low toxicity. Irritation may result.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

Low toxicity. Small amounts of liquid aspirated into the respiratory system during ingestion or from vomiting may cause mild to severe pulmonary injury

HEALTH HAZARDS (ACUTE AND CHRONIC)

Prolonged and repeated exposure of male rats to inhalation of light hydrocarbons in the same naptha boiling range as this material produced kidney disorders, and/or damage. It is highly unlikely that the kidney effects observed in male rats have significant implications for humans exposed at or below the occupational exposure limits.

CARCINOGENICITY: NTP? NO **IARC MONOGRAPHS?** NO **OSHA REGULATED?** NO
ND

TERATOGENICITY

N/D

MUTAGENICITY

N/D

TOXICOLOGICALLY SYNERGISTIC PRODUCTS

N/D

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE

N/D

EMERGENCY AND FIRST AID PROCEDURES

Inhalation: Remove victim from exposure. Administer artifical respiration if breathing is stopped. Get medical attention at once. Eye contact: Flush with large amounts of water until irritation subsides. If irritation persists get medical attention. Skin contact: Flush with large amounts of water. Use mild soap to wash afected area. Remove clothing and launder before reuse. Ingestion: If swallowed do not induce vomiting. Keep at rest and get medical attention at once.

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED**

Eliminate all sources of ignition. Prevent spills from entering sewers, water courses and low areas. Contain spill with sand or earth. Recover by pumping or by using a suitable absorbent. Place in suitable container for proper disposal.

WASTE DISPOSAL METHOD

Dispose of in accordance with local, provincial and federal regulations. Incinerate or landfill in approved facility. Notify the appropriate environmental agencies.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Store in a cool, well ventilated area. Keep container closed. Use proper grounding procedures. Keep away from heat and all ignition sources. Avoid contact with skin and eyes. Avoid breathing vapours and mist.

OTHER PRECAUTIONS

Emptied container retains vapour and product residue. Observe all labelled warnings. Do not reuse empty containers without commercial cleaning or reconditioning

SECTION VIII - CONTROL MEASURES**RESPIRATORY PROTECTION**

Approved respirator may be necessary.

VENTILATION

Local exhaust ventilation is recommended. Provide mechanical ventilation in confined spaces. Use explosion-proof ventilation equipment.

PROTECTIVE GLOVES

Wear chemically resistant gloves.

EYE PROTECTION

Wear safety glasses with side shields or full-face shield.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT

Wear long sleeves, aprons, etc.

WORK/HYGIENIC PRACTICES

Practice good industrial hygiene.

SECTION IX - DISCLAIMER**DISCLAIMER**

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