

MATERIAL SAFETY DATA SHEET

PILGRIM PERMOCOAT, INC.
402 S. 22ND. STREET
TAMPA, FL 33605

PILGRIM CODE-PERMOTAR
ISSUE DATE-11/16/87
REVISED-7/18/2000

A. TRADE NAME - PERMOTAR, A COMPONENT
CHEMICAL NAME - SOLUTION EPOXY FORMULATION

CAS# - MIXTURE
DOT CLASS - FLAMMABLE LIQUID
HMIS: H-2, F-3, R-0
MOLECULAR WEIGHT - NA

FORMULA - NA

EMERGENCY CONTACT - ROBERT FORLONG

DAY PHONE - (813) 248-3328
NIGHT PHONE - (813) 737-2236

B. FIRST AID MEASURES

EYES - IMMEDIATELY FLUSH EYES WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES HOLDING LIDS APART. CALL A PHYSICIAN.

SKIN - WASH THOROUGHLY WITH SOAP AND WATER. IF IRRITATION DEVELOPS AND PERSISTS, SEE A PHYSICIAN. WASH CLOTHES BEFORE REUSE.

INHALATION - REMOVE TO FRESH AIR. IF NOT BREATHING GIVE ARTIFICIAL RESPIRATION, PREFERABLY MOUTH TO MOUTH. IF BREATHING IS DIFFICULT, GIVE OXYGEN. CALL A PHYSICIAN!

INGESTION - MAY CAUSE GASTROINTESTINAL DISTRESS, IRRITATION ULCERATION. DRINK LARGE QUANTITIES OF WATER. CONSULT A PHYSICIAN.

C. HAZARDS INFORMATION**FIRE AND EXPLOSION**

FLASH POINT - 31°C AUTO IGNITION TEMPERATURE - 463°F

FLAMMABLE LIMITS: LOWER - 1.0 UPPER - 7.0

UNUSUAL FIRE AND EXPLOSION HAZARDS - VAPORS HEAVIER THAN AIR. MAY TRAVEL TO DISTANT SOURCE OF IGNITION AND FLASH BACK.

HEALTH

INHALATION - VAPORS MAY IRRITATE NOSE AND UPPER RESPIRATORY TRACT.

INGESTION - MAY CAUSE GASTROINTESTINAL DISTRESS OR IRRITATION.

SKIN - PROLONGED AND REPEATED CONTACT MAY CAUSE IRRITATION AND RESULT IN SENSITIZATION AND ALLERGIC REACTION.

EYES - VAPOR MAY CAUSE IRRITATION, REDNESS AND TEARING. LIQUID MAY CAUSE SEVERE IRRITATION WITH POSSIBLE IRREVERSIBLE INJURY.

UNUSUAL CHRONIC TOXICITY - NONE KNOWN.

PERMISSIBLE CONCENTRATION (AIR) - TWA/TVL 100 PPM: STEL/TLV 150 PPM.

D. PRECAUTIONS/PROCEDURES

VENTILATION - SPARK PROOF MECHANICAL VENTILATION TO MAINTAIN RECOMMENDED TLV.

NORMAL HANDLING - DO NOT GET IN EYES, ON SKIN OR CLOTHING. DO NOT BREATHE VAPORS. KEEP

CONTAINERS CLOSED. USE WITH ADEQUATE VENTILATION. WASH THOROUGHLY AFTER HANDLING.

STORAGE - STORE IN A COOL, DRY AREA AWAY FROM HEAT, STRONG OXIDIZERS. PROTECT FROM DAMAGE

SPILL OR LEAK - ABSORB SPILL ON SAND, EARTH OR VERMICULITE.

CAREFULLY COLLECT INTO CLOSED CONTAINERS FOR DISPOSAL ACCORDING TO FEDERAL, STATE OR LOCAL REGULATIONS.

FIRE EXTINGUISHING PRECAUTIONS - WEAR FULL PROTECTIVE GEAR AND NIOSH/MSHA APPROVED SELF-CONTAINED BREATHING APPARATUS.
FIRE EXTINGUISHING AGENTS TO AVOID - SOLID STREAM OF WATER OR FOAM MAY CAUSE FROTHING, SPLATTERING AND SPREAD HAZARD.
SPECIAL PRECAUTIONS/PROCEDURES - COOL CONTAINERS EXPOSED TO FLAME WITH WATER SPRAY.

E. PERSONAL PROTECTIVE EQUIPMENT

RESPIRATORY EQUIPMENT - IF TLV EXCEEDED, A NIOSH/MSHA APPROVED RESPIRATOR SHOULD BE USED.
EYES - CHEMICAL SPLASH - PROOF GOGGLES.
HANDS, ARMS AND BODY - RUBBER OR POLYETHYLENE GLOVES AND FULL BODY COVERING CLOTHING.
OTHER CLOTHING AND EQUIPMENT - EYE WASH FOUNTAIN AND SAFETY SHOWER.

F. PHYSICAL DATA

DESCRIPTION - SOLUTION EPOXY COATING
BOILING POINT - 241-308°F
VAPOR DENSITY - 3.7 (XYLENE)
SOLUBILITY IN WATER - NONE
EVAPORATION RATE - <1

SPECIFIC GRAVITY - 0.94
VAPOR PRESSURE - 0.2 PSIG @ 100
PH - NA
% VOLATILES (BY VOLUME) - 20%

G. REACTIVITY DATA

STABILITY - STABLE
INCOMPATIBLE MATERIALS - STRONG OXIDIZERS, ACIDS AND EPOXY CURING AGENTS.
HAZARDOUS DECOMPOSITION PRODUCTS - CO, CO₂, NOT AS A RESULT OF THERMAL DECOMPOSITION.
HAZARDOUS POLYMERIZATION - WILL NOT OCCUR.

H. INGREDIENTS (MIXTURES)

INGREDIENTS	PERCENTAGE	CAS#	TLV
XYLENE	<=20%	1130-20-7	100 PPM
TAR PITCH	>=75%	65996-89-6	NE
MIBK	10%	13463-67-7	10MG/M ³
EP	5%	14807-96-6	2MG/CM
HF NAPHTHA	5%	NA	NE

I. ENVIRONMENTAL

BIODEGRADABILITY - NOT KNOWN
WASTE DISPOSAL METHODS - DISPOSE OF AS HAZARDOUS WASTE IN APPROVED WASTE DISPOSAL FACILITIES IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS.

J. REFERENCES

PERMISSIBLE CONCENTRATION REFERENCES - ACGIHTWA, TLV, AND STEL
REGULATORY STANDARDS - TITLE 49 CFR SECTION 173.118, 172.101

GENERAL - NIOSH GUIDE TO CHEMICALS - XYLENE

NFPA - FIRE HAZARD PROPERTIES OF FLAMMABLE LIQUID - 325M

DANGEROUS PROPERTIES OF INDUSTRIAL CHEMICALS, SAX, 6TH ED.

K. ADDITIONAL INFORMATION

EMPTY CONTAINER HANDLING!

WARNING! EMPTIED CONTAINER RETAINS PRODUCT RESIDUE AND VAPORS.

OBSERVE ALL LABEL PRECAUTIONS EVEN AFTER CONTAINER IS EMPTIED.

DO NOT CUT, DRILL, GRIND, OR WELD ON OR NEAR CONTAINER.

L. SHIPPING INFORMATION

PAINT, 3, UN 1263, III

(FLAMMABLE LIQUID)

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