

MATERIAL SAFETY DATA SHEET

PILGRIM PERMOCOAT, INC.
402 S. 22ND ST.
TAMPA, FLORIDA 33605

PILGRIM CODE-BOAT
ISSUE DATE-11/16/87
REVISED-1/15/04

A. TRADE NAME - EM 3-2, B component

CHEMICAL NAME - MODIFIED AMINE

FORMULA - COMPLEX POLYMER

EMERGENCY CONTACT - ROBERT FORLONG

CAS# - MIXTURE

DOT CLASS - CORROSIVE

HMS: H-2, F-1, R-0

MOLECULAR WEIGHT - NA

DAY PHONE - 813-248-3328

NIGHT PHONE - 813-685-5282

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. DO NOT INDUCE VOMITING. CONSULT A PHYSICIAN.

C. HAZARDS INFORMATION**FIRE AND EXPLOSION**

FLASH POINT - >100°C AUTO IGNITION TEMPERATURE - NA

FLAMMABLE LIMITS: LOWER - NA UPPER - NA

UNUSUAL FIRE AND EXPLOSION HAZARDS - NONE KNOWN

HEALTH

INHALATION - NO TOXICITY KNOWN.

INGESTION - NO TOXICITY KNOWN.

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

EYES - CONTACT WILL RESULT IN IRRITATION AND REDNESS.

UNUSUAL CHRONIC TOXICITY - NONE KNOWN.

PERMISSIBLE CONCENTRATION (AIR) - NE

D. PRECAUTIONS/PROCEDURES

VENTILATION - GOOD MECHANICAL VENTILATION AND LOCAL EXHAUST

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 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 - ORGANIC CHEMICAL CARTRIDGE RESPIRATOR, IF NEEDED.

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 - AMBER LIQUID WITH AMINE ODOR.

BOILING POINT - >400°C

SPECIFIC GRAVITY - 0.98

VAPOR DENSITY - NA

VAPOR PRESSURE - NA

SOLUBILITY IN WATER - NONE

PH - NA

EVAPORATION RATE - <1

% VOLATILES (BY VOLUME) - NIL

G. REACTIVITY DATA

STABILITY - STABLE

INCOMPATIBLE MATERIALS - STRONG OXIDIZERS, ACIDS, BASES AND HEAT.

HAZARDOUS DECOMPOSITION PRODUCTS - CO, CO₂, NO_x AS A RESULT OF THERMAL DECOMPOSITION.

HAZARDOUS POLYMERIZATION - WILL NOT OCCUR.

H. HAZARDOUS INGREDIENTS (MIXTURES)

INGREDIENTS	PERCENTAGE	CAS#	TLV
DIETHYLENETRIAMINE	<10%	111-40-0	1 PPM SKIN
TETRAETHYLENEPENTAMINE	<12%	112-57-2	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 - NA

GENERAL - NA

K. SHIPPING INFORMATION

AMINES, LIQUID, CORROSIVE, N.O.S.
8, UN 2735, III
(DIETHYLENETRIAMINE)

L. 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.

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