



PT17

# LO Primer

HIGH BUILD EPOXY

### Product Description

Two component high build epoxy primer containing rust inhibitor pigments, formulated for use on steel and for the protection of equipment and parts from impact, abrasion, detergents, salt water, steam and oils. May also be used as a general maintenance primer. Recommended for use as a primer on steel surfaces subject to fresh water immersion, salt water immersion, tidal and splash zone exposures, buried exposure, and for interiors of tanks and lines containing crude oil, salt brine, and petroleum products.

**Topcoats** PermoTar, Pilgrim Plastic, Trithane, Urocel, others as recommended.

**Color** Tile Red or Gray

<b>Physicals</b>	Volume Solids	65%
	Weight Solids	70%
	Weight/gal.	10.5 lbs.

<b>Application</b>	Theoretical Coverage	1040 mil sq. ft./gal.
	Recommended Thickness	10-12 mils wet, 6.5-8 mils dry
	Method	spray, brush, roller,
	Induction Time	30-45 minutes
	Thinner	111 thinner

<b>Drying Time (hrs)</b>	50°F	75°F	90°F
• to touch	4	2	1
• to handle	8	4	2
• to recoat	24	8	6
• Pot Life	10	8	6

**Unit Size** Quart, Gallon and 5 gallon unit

**Shelf Life** Two year minimum from date of manufacture.

**PILGRIM PERMOCOAT, INC.**

Main office and factory: 402 S. 22nd Street, Tampa, FL 33605 (813) 248-3328 FAX# (813) 248-1076  
Distribution : USA, Canada & Caribbean

**MATERIAL SAFETY DATA SHEET**

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

PILGRIM CODE-LO PRIMER  
ISSUE DATE-11/16/87  
REVISED-8/23/94

**A. TRADE NAME - PILGRIM LO PRIMER - PART A**

**CAS# - MIXTURE**

**CHEMICAL NAME - SOLUTION EPOXY FORMULATION**

**DOT CLASS - FLAMMABLE LIQUID**

**HMIS: H-2, F-3, R-0**

**FORMULA - NA**

**MOLECULAR WEIGHT - NA**

**EMERGENCY CONTACT - ROBERT FORLONG**

**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. 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.

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#### 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 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.

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#### 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.

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#### F. PHYSICAL DATA

DESCRIPTION - SOLUTION EPOXY COATING

BOILING POINT - 137°C

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) - 30%

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#### G. REACTIVITY DATA

STABILITY - STABLE

INCOMPATIBLE MATERIALS - STRONG OXIDIZERS, ACIDS AND EPOXY CURING AGENTS.

HAZARDOUS DECOMPOSITION PRODUCTS - CO, CO<sub>2</sub>, NOT AS A RESULT OF THERMAL DECOMPOSITION.

HAZARDOUS POLYMERIZATION - WILL NOT OCCUR.

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**H. HAZARDOUS INGREDIENTS (MIXTURES)**

INGREDIENTS	PERCENTAGE	CAS#	TLV
SOLVENTS	25% + -	MIXTURE	NE
EPOXY RESIN	25% + -	25068-38-6	NE
PIGMENTS	7% + -	MIXTURE	NE
FILLERS	43% + -	MIXTURE	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 - ACGIH TWA, 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. TRANSPORTATION INFORMATION**

PAINT, 3, UN 1263, III (FLAMMABLE LIQUID)

INFORMATION CONTAINED HEREIN IS BELIEVED TO BE ACCURATE. HOWEVER, IT IS PROVIDED SOLELY FOR THE CUSTOMERS CONSIDERATION, INVESTIGATION AND VERIFICATION. PILGRIM PERMOCOAT INC. HEREBY SPECIFICALLY DISCLAIMS ANY AND ALL WARRANTIES, EXPRESS OR IMPLIED, REGARDING THE ACCURACY AND COMPLETENESS OF SUCH INFORMATION, AND MAKES NO REPRESENTATIONS WITH RESPECT THERETO.

## MATERIAL SAFETY DATA SHEET

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

PILGRIM CODE - B-10  
ISSUE DATE - 11/16/87  
REVISED-8/24/94

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**A. TRADE NAME** -LO PRIMER, PART B  
**CHEMICAL NAME** - POLYAMIDE RESIN SOLUTION

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

**FORMULA** - COMPLEX POLYMER IN SOLUTION

**EMERGENCY CONTACT** - ROBERT FORLONG

DAY PHONE - 813-248-3328  
NIGHT PHONE - 813-685-5282

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**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.

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**C. HAZARDS INFORMATION**

**FIRE AND EXPLOSION**

FLASH POINT -28°C      AUTO IGNITION TEMPERATURE - 867°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. HIGH CONCENTRATIONS OF VAPOR MAY CAUSE DIZZINESS, LOSS OF APPETITE, NAUSEA, AND MAY CAUSE REVERSIBLE DAMAGE TO KIDNEYS AND LIVER.

**INGESTION** - MAY CAUSE GASTROINTESTINAL DISTRESS OR IRRITATION.

**SKIN** - REPEATED OR PROLONGED CONTACT MAY CAUSE SKIN RASH.

**EYES** - VAPOR MAY CAUSE IRRITATION, REDNESS AND TEARING. REPEATED OR PROLONGED EXPOSURE TO FUMES MAY CAUSE PERMANENT DAMAGE.

**UNUSUAL CHRONIC TOXICITY** - NONE KNOWN.

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

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#### 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 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.

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#### 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.

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#### F. PHYSICAL DATA

<u>DESCRIPTION</u> - MATERIAL IS AMBER COLORED VISCOUS LIQUID	
<u>BOILING POINT</u> - 137°C	<u>SPECIFIC GRAVITY</u> - 0.90
<u>VAPOR DENSITY</u> - 3.7 (XYLENE)	<u>VAPOR PRESSURE</u> - 0.2 PSIG @ 100
<u>SOLUBILITY IN WATER</u> - NONE	<u>PH</u> - NA
<u>EVAPORATION RATE</u> - <1	<u>% VOLATILES (BY VOLUME)</u> - 30%

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#### G. REACTIVITY DATA

STABILITY - STABLE  
INCOMPATIBLE MATERIALS - STRONG OXIDIZERS, ACIDS AND BASES.  
HAZARDOUS DECOMPOSITION PRODUCTS - CO, CO<sub>2</sub>, NOT AS A RESULT OF THERMAL DECOMPOSITION.  
HAZARDOUS POLYMERIZATION - WILL NOT OCCUR.

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**H. HAZARDOUS INGREDIENTS (MIXTURES)**

INGREDIENTS	PERCENTAGE	CAS#	TLV
XYLENE	<=30%	1130-20-7	100 PPM
TRIETHYLENETETRAMINE	<2%	112-24-3	NOT EST.

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

**L. TRANSPORTATION INFORMATION**

RESIN SOLUTION (CONTAINS XYLENE) FLAMMABLE LIQUID, HAZARD 3, PACKING GROUP III, UN 1866.

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