

## MATERIAL SAFETY DATA SHEET

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

PILGRIM CODE - ZR  
ISSUE DATE - 11/16/87  
REVISED-7/24/97

A. TRADE NAME - PILGRIM ZINC RICH PRIMER  
CHEMICAL NAME - MIXTURE

CAS# - MIXTURE  
DOT CLASS - FLAMMABLE LIQUID  
HMIS: H-2, F-3, R-1  
MOLECULAR WEIGHT - NA

FORMULA – TRADE SECRET

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. DO NOT INDUCE VOMITING.

## C. HAZARDS INFORMATION

## FIRE AND EXPLOSION

FLASH POINT - 31°F      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. 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 - REPORTS HAVE ASSOCIATED REPEATED PROLONGED OCCUPATIONAL OVEREXPOSURE TO SOLVENTS WITH PERMANENT BRAIN AND NERVOUS SYSTEM DAMAGE.

MEDICAL CONDITIONS PRONE TO AGGRAVATION BY EXPOSURE: ASTHMATIC - TYPE CONDITIONS, OTHER CHRONIC RESPIRATORY DISEASES OR SKIN SENSITIZATION.

PRIMARY ROUTE OF ENTRY: INHALATION

## D. PRECAUTIONS/PROCEDURES

**VENTILATION** - SPARKPROOF 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. 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 - GRAY THROTROPIC LIQUID  
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) - 39%

#### G. REACTIVITY DATA

STABILITY - STABLE  
INCOMPATIBLE MATERIALS - NONE REASONABLY SEEN.  
HAZARDOUS DECOMPOSITION PRODUCTS - INCOMPLETE COMBUSTION PRODUCES CARBON MONOXIDE AND OTHER TOXIC GASES.  
HAZARDOUS POLYMERIZATION - WILL NOT OCCUR.

#### H. HAZARDOUS INGREDIENTS (MIXTURES)

| INGREDIENTS         | PERCENTAGE | CAS#       | TLV         |
|---------------------|------------|------------|-------------|
| ZINC DUST           | 55         | 7440-66-6  | 10.0 PPM    |
| ZINC OXIDE          | <2         | 1314-13-2  | 10.0 PPM    |
| DIACETONE ALOCHOL   | 5          | 123-42-2   | 50 PPM OSHA |
| METHYL ETHYL KETONE | 5          | 78-93-3    | 200 PPM     |
| RESIN               | <25        | 25068-38-6 | NE          |
| MAGNESIUM SILICATE  | 2          | 14807-96-6 | 2MG/CM      |
| ETHYLENE GLYCOL EP  | <7         | 2807-30-9  | 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 - METHYL ETHYL KETONE  
NFPA - FIRE HAZARD PROPERTIES OF FLAMMABLE LIQUID - 325M  
DANGEROUS PROPERTIES OF INDUSTRIAL CHEMICALS, SAX, 6TH ED.

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#### 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.

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#### L. SHIPPING INFORMATION

PAINT  
3, UN 1263, III  
(FLAMMABLE LIQUID)

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