



111 Thinner

Pilgrim Permocoat, Inc. 402 South 22nd Street Tampa, Florida 33605 (813) 248-3328 Fax (813) 248-1076

PRODUCT DATA SHEET: 111 Thinner

Description: Solvent thinner

Recommended Use: Pilgrim 111 Thinner is a recommended thinner for Pilgrim Plastic epoxy polyamide especially when the ambient temperature is over 90°F / 32.2° C. Please read each product's instructions carefully prior to thinning any Pilgrim product. Temperature variations, spray equipment and consistency of paint will affect the amounts of solvents needed.

TECHNICAL DATA

Flash Point: 90°F / 32°C (TOC)

Storage: Do not store above 120°F / 49°C. Store large amounts in structures made for OSHA Class 1B liquids. Keep container tightly closed and upright when not in use to prevent leakage.

Health and Safety: Please observe the precautionary notices displayed on the container. Spray under well ventilated conditions. Do not breathe or inhale mist. Avoid skin contact. Spillage on the skin should immediately be removed with suitable cleanser, soap and water. Eyes should be well flushed with water and medical attention sought immediately.

For detailed information on the health and safety hazards and precautions for use of this product, please refer to the Material Safety Data Sheet.

9/18/03

DISCLAIMER: The information in this data sheet is given to the best of our knowledge based on laboratory testing and practical experience. However, as the product is often used under conditions beyond our control, we can not guarantee anything but the quality of the product itself. We reserve the right to change the given data without notice.

Packaging: Quart, Gallon, 5 Gallon, 55 Gallon Drums

PT 18

MATERIAL SAFETY DATA SHEET

CODE - SOLVENT
 ISSUE DATE - 11/16/87
 REVISED- 9/9/94

A. TRADE NAME - PILGRIM 111 THINNER
 CHEMICAL NAME - SOLVENTS

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

FORMULA - SOLVENT BLEND

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**

LOWEST FLASH POINT T.C.C. 24.0 DF OSHA-CLASS 1 B
 LOWER EXPLOSION LEVEL (LEL) 1.2 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 - 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. 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 - CLEAR WATER WHITE LIQUID

BOILING POINT - HIGH 231 DF LOW 173 DF

VAPOR DENSITY - N/A

SOLUBILITY IN WATER - NONE

EVAPORATION RATE - FASTER THAN ETHER

SPECIFIC GRAVITY - 0.81

VAPOR PRESSURE - 70.00 MMHG @ 68F

PH - NA

% VOLATILES (BY VOLUME) - 100%

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
XYLENE	0-30%	1130-20-7	300.00 OSHA
ETHYLENE GLYCOL EP	0-30%	2807-30-9	NE
METHYL ISOBUTYL KETONE	0-30%	108-10-1	100.00 OSHA

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 RELATED MATERIAL
 FLAMMABLE LIQUID (CONTAINS XYLENE)
 NA 1263
 HAZARD 3
 PG III

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