



Safety Data Sheet

1. PRODUCT AND COMPANY IDENTIFICATION

Product name : LO Primer, B Component
Product Use Description : Curing Agent
Manufacturer : Pilgrim Permocoat Inc
402 S. 22nd Street
Tampa, FL 33605

Telephone : 1-813-248-3328
Emergency telephone :
number (24h)

2. HAZARDS IDENTIFICATION

GHS Classification

Flammable Liquids - Category 3
Skin irritation - Category 2
Serious Eye Damage - Category 1
Skin Sensitization - Category 1

GHS label elements

Hazard pictograms/symbols



Signal Word: Danger

Hazard Statements:

H226: Flammable liquid and vapor.

H315: Causes skin irritation.

Precautionary Statements:

Prevention:

P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P261: Avoid breathing dust/fume/gas/mist/vapors/spray.

P280a: Wear protective gloves and eye protection/face protection.

Response: P303+P361+P353 :IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
P305+P351+P338 :IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P310 :Immediately call a POISON CENTRE or doctor/physician.
P333+P313 :If skin irritation or rash occurs: Get medical advice/attention.
P370+P378: In case of fire, use recommended extinguishing media for extinction.

Disposal: P501: Disposal of contents/container to be specified in accordance with regulations.

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Hazards not otherwise classified

Keep away from heat and sources of ignition.

Flammable.

Moderate eye irritant.

Moderate respiratory irritant.

Moderate skin irritant.

May cause sensitization by skin contact.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Components	CAS Number	Concentration (Weight)
Xylene	1330-20-7	25% - 35%
Triethylenetetramine	112-24-3	2% - 7 %
		-
		-
		-

CHEMICAL FAMILY: Polyamide Solution

4. FIRST AID MEASURES

- General advice : Seek medical advice. If breathing has stopped or is labored, give assisted respirations. Supplemental oxygen may be indicated. If the heart has stopped, trained personnel should begin cardiopulmonary resuscitation immediately.
- Eye contact : Hold eyelids apart, initiate and maintain gentle and continuous irrigation until the patient receives medical care. If medical care is not promptly available, continue to irrigate for one hour.
- Skin contact : Immediately remove contaminated clothing, and any extraneous chemical, if possible to do so without delay. Initiate and maintain continuous irrigation until the patient receives medical care. If medical care is not promptly available, continue to irrigate for one hour. Cover wound with sterile dressing. Take off contaminated clothing and shoes immediately. NOTE TO PHYSICIANS: Application of corticosteroid cream has been effective in treating skin irritation.

- Ingestion : Do not induce vomiting without medical advice. If a person vomits when lying on his back, place him in the recovery position. Never give anything by mouth to an unconscious person. Prevent aspiration of vomit. Turn victim's head to the side.
- Inhalation : If breathing has stopped or is labored, give assisted respirations. Supplemental oxygen may be indicated. If the heart has stopped, trained personnel should begin cardiopulmonary resuscitation immediately. Move to fresh air.
- Most important symptoms/effects - acute and delayed : Repeated and/or prolonged exposure to low concentrations of vapors and/or aerosols may cause: Sore throat. Eye disease. Skin disorders and Allergies. Asthma. Neurological disorders

5. FIRE-FIGHTING MEASURES

- Suitable extinguishing media : Alcohol-resistant foam.
Carbon dioxide (CO₂).
Dry chemical.
Dry sand.
Limestone powder.
- Specific hazards : Incomplete combustion may form carbon monoxide. May generate ammonia gas. May generate toxic nitrogen oxide gases. Burning produces noxious and toxic fumes. Downwind personnel must be evacuated.
- Special protective equipment for fire-fighters : Avoid contact with the skin. A face shield should be worn. Use personal protective equipment. Wear self contained breathing apparatus for fire fighting if necessary.
- Further information : Do not allow run-off from fire fighting to enter drains or water courses. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

6. ACCIDENTAL RELEASE MEASURES

- Personal Precautions, Protective Equipment, and Emergency Procedures : Wear suitable protective clothing, gloves and eye/face protection. Use self-contained breathing apparatus and chemically protective clothing. Evacuate personnel to safe areas.
- Environmental precautions : Construct a dike to prevent spreading.
- Methods for cleaning up : Contact Pilgrim Permocoat for advice. Approach suspected leak areas with caution. Place in appropriate chemical waste container.
- Additional advice : Open enclosed spaces to outside atmosphere. If possible, stop flow of product.

7. HANDLING AND STORAGE

Handling

Use only in well-ventilated areas. Avoid breathing vapors and/or aerosols. Avoid contact with skin and eyes. Avoid contact with eyes. Emergency showers and eye wash stations should be readily accessible. Adhere to work practice rules established by government regulations. Use personal protective equipment. When using, do not eat, drink or smoke.

Storage

Do not store near acids. Keep containers tightly closed in a dry, cool and well-ventilated place.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering measures

- Provide readily accessible eye wash stations and safety showers.
- Provide natural or explosion-proof ventilation adequate to ensure concentrations are kept below exposure limits.

Personal protective equipment

- Respiratory protection : Wear appropriate respirator when ventilation is inadequate.
- Hand protection : Butyl-rubber Nitrile rubber. Neoprene gloves.
Impervious gloves. PVC disposable gloves
Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.
- Eye protection : Full face shield with goggles underneath. Chemical resistant goggles must be worn.
- Skin and body protection : Impervious clothing.
Full rubber suit (rain gear). Rubber or plastic boots.
Slicker Suit.
- Special instructions for protection and hygiene : Discard contaminated leather articles. Wash hands at the end of each work shift and before eating, smoking or using the toilet. Provide readily accessible eye wash stations and safety showers.

Exposure Limit(s)

Benzyl alcohol	Time Weighted Average (TWA): WEEL	100 ppm	44.20 mg/m3
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9. PHYSICAL AND CHEMICAL PROPERTIES

- Appearance : Viscous. Amber.
- Odor : Aromatic
- Odor threshold : No data available

pH	:	Alkaline
Melting point/range	:	No data available
Boiling point/range	:	No data available
Flash point	:	75 °F (23.89 °C)
Evaporation rate	:	No data available
Flammability (solid,gas)	:	Not applicable
Upper/lower explosion/flammability limit	:	Not applicable
Vapor pressure	:	<10.34 mmHg at 70 °F (21 °C)
Water solubility	:	< 0.1 g/l
Relative vapor density	:	No data available
Relative density	:	1.03 (water = 1)
Partition coefficient (n-octanol/water)	:	No data available
Auto-ignition temperature	:	No data available
Decomposition temperature	:	No data available.
Viscosity	:	700 - 1,800mPa.s at 77°F(25°C).
Molecular Weight	:	No data available.
Density	:	58.058 lb/ft ³ (0.93 g/cm ³) at 70 °F (21 °C)

10. STABILITY AND REACTIVITY

Chemical Stability	:	Stable under normal conditions.
Conditions to avoid	:	Heat, flames and sparks.
Materials to avoid	:	CAUTION! N-Nitrosamines, many of which are known to be potent carcinogens, may be formed when the product comes in contact with nitrous acid, nitrites or atmospheres with nitrous oxide concentrations. Nitrous acid and other nitrosating agents. Organic acids (i.e. acetic acid, citric acid etc.) Mineral acids Sodium hypochlorite. Product slowly corrodes copper, aluminum, zinc and galvanized surfaces. Reaction with peroxides may result in violent decomposition of peroxide possibly creating an explosion.
Hazardous decomposition products	:	Nitric acid. Ammonia. Nitrogen oxides (NO _x). Nitrogen oxide can react with water vapors to form corrosive nitric acid. Carbon monoxide. Carbon dioxide (CO ₂). Nitrosamine.
Possibility of hazardous reactions	:	No data available.
Reactions/Reactivity	:	

11. TOXICOLOGICAL INFORMATION

Likely routes of exposure

- Effects on Eye : Causes eye irritation.
- Effects on Skin : Causes skin irritation.
- Inhalation Effects : Harmful if inhaled and may cause delayed lung injury. May cause nose, throat, and lung irritation. Inhalation of vapors and/or aerosols in high concentration may cause irritation of respiratory system.
- Ingestion Effects : No data available.
- Symptoms : Repeated and/or prolonged exposure to low concentrations of vapors and/or aerosols may cause: Sore throat. Eye disease., Skin disorders and Allergies., Asthma.

Acute toxicity

- Acute Oral Toxicity : LD50 : >4,300 mg/kg Species : Rat.
- Inhalation : LC50 (4h) : Species : Rat
- Acute Dermal Toxicity : LD50 : > 2,000 mg/kg Species : Rabbit.
Method : Estimated.
- Skin corrosion/irritation : Moderate skin irritation.
- Serious eye damage/eye irritation : Moderate eye irritation.
- Sensitization. : Sensitization has occurred in laboratory animals after repeated exposures.

Chronic toxicity or effects from long term exposure

- Carcinogenicity : Mixed xylenes contain ethylbenzene as an impurity. Ethylbenzene has been shown to cause cancer in laboratory animals. In a study done by the NTP (National Toxicology Program), mixed xylene containing up to 17% ethylbenzene was determined not to be carcinogenic.
- Reproductive toxicity : No data is available on the product itself.
- Germ cell mutagenicity : This product or a component was mutagenic in a bacterial assay. This product or a component did not cause chromosome damage in an in vivo micronucleus assay.
- Specific target organ systemic toxicity (single exposure) : No data available.

Specific target organ systemic toxicity (repeated exposure) : No data available.

Aspiration hazard : No data available.

Delayed and Immediate Effects and Chronic Effects from Short and Long Term Exposure

This product contains no listed carcinogens according to IARC, ACGIH, NTP and/or OSHA in concentrations of 0.1 percent or greater. May cause allergic skin reaction. Eye disease., Skin disorders and Allergies., Asthma.

12. ECOLOGICAL INFORMATION

Ecotoxicity effects

Aquatic toxicity : No data is available on the product itself.

Toxicity to fish - Components Xylene LC50 (96 h) : 3.3 mg/l Species : Rainbow trout (Oncorhynchus mykiss)

Xylene LC50 (96 h) : 8.2 mg/l Species : Rainbow trout (Oncorhynchus mykiss)

Xylene IC50 (72 h) : 8.6 mg/l Species : Bluegill sunfish (Lepomis macrochirus).

Toxicity to other organisms : No data available

Persistence and degradability

Biodegradability : No data is available on the product itself.

Mobility : No data available

Bioaccumulation : No data is available on the product itself.

Bioaccumulation - Components Xylene Moderate bioaccumulation potential.

13. DISPOSAL CONSIDERATIONS

Waste from residues / unused products : Contact supplier if guidance is required.

Contaminated packaging : Dispose of container and unused contents in accordance with federal, state, and local requirements

14. TRANSPORT INFORMATION

DOT

UN/ID No. : UN1263
 Proper shipping name : Flammable liquids, N.O.S., (Xylene)
 Class or Division : 3
 Packing group : III
 Label(s) : 3
 Marine Pollutant : Yes

IATA

UN/ID No. : UN1263
 Proper shipping name : Flammable liquids, N.O.S., (Xylene)
 Class or Division : 3
 Packing group : III
 Label(s) : 3
 Marine Pollutant : Yes

IMDG

UN/ID No. : UN1263
 Proper shipping name : Flammable liquids, N.O.S., (Xylene)
 Class or Division : 8
 Packing group : III
 Label(s) : 8
 Marine Pollutant : No

TDG

UN/ID No. : UN1263
 Proper shipping name : Flammable liquids, N.O.S., (Xylene)
 Class or Division : 3
 Packing group : III
 Label(s) : 3
 Marine Pollutant : Yes

Further Information

The transportation information is not intended to convey all specific regulatory data relating to this material. For complete transportation information, contact Macdonald Chemical LLC.

15. REGULATORY INFORMATION

Toxic Substance Control Act (TSCA) 12(b) Component(s): None

Country	Regulatory list	Notification
USA	TSCA	Included on Inventory.

EU	EINECS	Included on EINECS inventory or polymer substance, monomers included on EINECS inventory or no longer polymer.
Canada	DSL	Included on Inventory.
Australia	AICS	Included on Inventory.
Japan	ENCS	Included on Inventory.
South Korea	ECL	Included on Inventory.
China	SEPA	Included on Inventory.
Philippines	PICCS	Included on Inventory.

EPA SARA Title III Section 312 (40 CFR 370) Hazard Classification Acute Health Hazard

EPA SARA Title III Section 313 (40 CFR 372) Component(s) above 'de minimus' level None.

US. California Safe Drinking Water & Toxic Enforcement Act (Proposition 65)

This product does not contain any chemicals known to State of California to cause cancer, birth defects or any other harm.

16. OTHER INFORMATION

HMIS Rating

Health : 2
Flammability : 3
Physical hazard : 0

Prepared by : Pilgrim Permocoat, Inc.

Telephone : 1 813-248-3328

Preparation Date : 05/12/2015