

## Material Safety Data Sheet

**Product Name:** EcoThane PU Primer

**Manufacturer Identification:**

EcoThane PU Primer is a polyurethane-based concrete undercoat material that consists of single component and has a high solid range, and also it is transparent.

**Ingredient Information:**

<u>Ingredient</u>	<u>CAS No</u>	<u>EC No</u>	<u>Percent</u>	<u>Symbol</u>	<u>Risk</u>
MDI(4,4'-diphenyl methane diisocyanate)	1068-8-		30 – 45	Xn	-
Toluen	108-88-3		45 – 55	Xn	10-20/21-38
Ksilen (mix)	1330-20-7		20 - 25	Xn	10-20/21-38

**Health Hazard Information:**

**Skin Contact:**

The cool material will cause minor skin irritation. The degree of the injury will depend on the amount of material that gets on the skin and the speed and thoroughness of the first aid treatment. Signs and symptoms may include: pain, discoloration and swelling. This hazard evaluation is based on data from similar materials. The systemic toxicity of this substance has not been determined. However, it should be practically non-toxic to internal organs if it gets into the skin.

**Eye Contact:**

The material will cause minor eye irritation. Signs and symptoms may include, pain, tears, swelling, redness and blurred vision. This hazard evaluation is based on the data from similar materials.

**Inhalation:**

If inhaled, this substance can be unpleasant and may produce nausea and irritation of the upper respiratory tract.

**First Aid:****Eye Contact:**

Flush eyes, including under eyelids, with running water for at least fifteen minutes. Get medical attention.

**Skin Contact:**

The solidified material forms the skin or use solvents or thinners to dissolve it. Flush exposed area with water while removing contaminated clothing. Get medical attention if irritation persists.

**Inhalation:**

If there are signs or symptoms of aerosol exposure (respiratory tract irritation, headache, dizziness, nausea, gastrointestinal disturbances, coughing, a sensation of dryness or pain in the nose, throat and chest, confusion and unconsciousness), move the person to fresh air. If breathing has stopped, apply artificial respiration. Call a doctor.

**Ingestion:**

Keep head below the waist. Contact a physician or Poison Control Centre. Never give anything by mouth to a person who is unconscious or having convulsions.

### **Fire and Explosion Data:**

#### **Extinguishing Media:**

Dry chemical, water, foam, CO2

#### **Hazardous Decomposition Products:**

Carbon Monoxide and Carbon Dioxide and Hydrogen Isocyanat.

Special Fire Fighting Products: If entering a confined area, fire fighters should wear a NIOSH approved self-contained breathing apparatus.

#### **Spill or Leak Producers:**

Dike or contain spill with floor dry, sand, etc. pump liquid to containers or storage vessel. soak up residue with absorbent material. Scoop contaminated absorbent and diking material into containers for disposal.

Waste Disposal Method: Recovered materials may be blended with aggregate and used for patching or other maintenance use. Other wastes should be disposed of according to federal, state, and local regulations.

#### **Special Precautions or Other:**

Do not allow to freeze.

Containers, even those that have been emptied, may contain explosive vapours.

Protect container from physical damage.

Vent periodically

DO NOT allow clothing wet with material to stay in contact with skin.

Ensure electrical continuity by bonding and grounding (earthing) all equipment.

Atmosphere should be regularly checked against established exposure standards to ensure safe working.

Avoid smoking, naked lights or ignition sources.

Avoid generation of static electricity.

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Keep containers securely sealed when not in use.

Avoid physical damage to containers.

Always wash hands with soap and water after handling.

Work clothes should be laundered separately.

Observe manufacturer's storing and handling recommendations.

Atmosphere should be regularly checked against established exposure standards to ensure safe working conditions.

Avoid reaction with oxidising agents.

Store in original containers in approved flammable liquid storage area.

### **Special Protection information:**

Wear impervious gloves and safety glasses to prevent contact with the skin and eyes.

If repeated or prolonged contact with liquid is likely, wear protective clothing including boots, apron, and face shield or splash goggles.

Remove contaminated clothing immediately and do not reuse until it has been properly laundered.

Eye wash stations and safety showers should be available in use and handling areas.

Contact lenses pose a special hazard; soft lenses may absorb and all lenses concentrate irritants.

Respiratory Equipment: If respiratory respiration is required, use an A2 – P2 mask.

### **Physical Data:**

#### **Description:**

Liquid with organic odour. Does not mix with water.

#### **Specific Gravity:**

0,97 gr / cm<sup>3</sup>.

**Viscosity:**

14 sn. (Ford Cup 4, at 20°C ) Solubility in water (g/L): Immiscible

**Reactivity Data:**

This material is stable in closed containers at room temperature under normal storage and handling conditions. It is incompatible with strong oxidizing agents. Decomposition products can include carbon monoxide, carbon dioxide, and water vapor.

**Health Hazard Data:****Eyes:**

Irritation

**Skin:**

Mild irritation. repeated or prolonged contact can cause dry scaly dermatitis. Breathing: Respiratory irritation, nausea, dizziness, and headache.

**Swallowing:**

Stomach irritation, nausea, and vomiting.

Inhalation health risks and symptoms of exposure N/A Ingestion health risks and symptoms of exposure N/A Skin absorption health risks and symptoms of exposure

Prolonged or repeated contact with this product may cause skin irritation and dermatitis.

**Ecological Information:**

No specific data on this product. May cause mechanical damage to aquatic organisms. The mineral spirit component is expected to volatilize in the environment and to be moderately toxic to both freshwater and marine organisms. The bioaccumulation potential is unknown.

**Disposal Considerations:**

Disposal of residues according to municipal, provincial or federal laws for disposal of chemicals. Do not dispose of by means of sinks, drains, or in the immediate environment. Empty drums should be completely drained, properly bunged, and returned to a drum reconditioner. Drill a hole in the bottom of empty pails to prevent drowning of small children.

**Transport information:**

Un Number: 1886

Un Class 3

Transport Name: Flammable Liquid.

Caution Symbol: Flammable

**Regulatory information:****caution Symbol:**

Flammable

**Composition:**

Risk and Safety Statements

Flammable

Harmful by inhalation

Irritating to eyes, respiratory system and skin

May cause sensitization by inhalation

**Safety Phrases:**

Keep out of reach of children

Keep in a cool place

Keep container tightly closed

Keep away from heat

Keep away from sources of ignition - No smoking

Do not breathe vapor

Avoid contact with skin and eyes

In case of insufficient ventilation, wear suitable respiratory equipment

**Other information:**

This information is provided in good faith and correct to the best of EcoProof knowledge as of the date hereof; however, EcoProof makes no representation as to its completeness or accuracy. Customers are encouraged to make their own determination as to the suitability of this product for their purpose prior to use. EcoProof disclaims responsibility to damages of any kind resulting from the use of this information.

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