

SECTION 1: Identification

1.1. Identification

Product form : Mixture
 Product name : Envirothane 250 White 2K Primer
 Product code : ELPR250

1.2. Relevant identified uses of the substance or mixture and uses advised against

Recommended use : Wood coating

1.3. Details of the supplier of the safety data sheet

Manufacturer

Performance Finishing Solutions
 4800 Eastgate Parkway
 Units 3 & 4
 Mississauga, L4W 3W6 - Canada
 T 905-629-7007

1.4. Emergency telephone number

Emergency number : 800-239-3824 (8AM - 5PM)

SECTION 2: Hazard identification

2.1. Classification of the substance or mixture

GHS classification

Repr. 1B

2.2. Label elements

GHS labelling

Hazard pictograms (GHS) :



GHS08

Signal word (GHS) : Danger
 Hazard statements (GHS) : May damage fertility or the unborn child.
 Precautionary statements (GHS) : Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear protective gloves/protective clothing/eye protection/face protection. If exposed or concerned: Get medical advice/attention. Store locked up. Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

2.3. Other hazards

No additional information available

2.4. Unknown acute toxicity

Not applicable

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

| Name | Product identifier | % |
|---|----------------------|-------|
| Propanol, 1(or2)-(2-methoxymethylethoxy)- | (CAS-No.) 34590-94-8 | 2 - 5 |
| 1-Methyl-2-pyrrolidone | (CAS-No.) 872-50-4 | 1 - 5 |
| 2-Methoxy-1-methylethylacetate | (CAS No.) 108-65-6 | 0 - 1 |

Envirothane 250 White 2K Primer

Safety Data Sheet

According to the Hazard Communication Standard (CFR29 1910.1200) HazCom 2012 and the Hazardous Products Regulations (HPR) WHMIS 2015

| | | |
|------------------|----------------------|---------|
| Limestone | (CAS-No.) 1317-65-3 | 15 - 40 |
| Titanium dioxide | (CAS-No.) 13463-67-7 | 7 - 13 |
| Talc | (CAS-No.) 14807-96-6 | 5 - 10 |

*Chemical name, CAS number and/or exact concentration have been withheld as a trade secret

SECTION 4: First-aid measures

4.1. Description of first aid measures

- First-aid measures after inhalation : If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical advice/attention if you feel unwell.
- First-aid measures after skin contact : If skin irritation occurs: Wash skin with plenty of water. Obtain medical attention if irritation persists.
- First-aid measures after eye contact : IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
- First-aid measures after ingestion : Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person. Get medical advice/attention if you feel unwell.

4.2. Most important symptoms and effects, both acute and delayed

- Symptoms/effects after inhalation : May cause irritation to the respiratory tract.
- Symptoms/effects after skin contact : May cause skin irritation. Repeated exposure may cause skin dryness or cracking.
- Symptoms/effects after eye contact : May cause eye irritation. Symptoms may include discomfort or pain, excess blinking and tear production, with possible redness and swelling.
- Symptoms/effects after ingestion : May be harmful if swallowed. May cause gastrointestinal irritation, nausea, vomiting and diarrhea.
- Chronic symptoms : May damage fertility or the unborn child.

4.3. Indication of any immediate medical attention and special treatment needed

Symptoms may be delayed. In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

SECTION 5: Fire-fighting measures

5.1. Extinguishing media

- Suitable extinguishing media : Use extinguishing media appropriate for surrounding fire.
- Unsuitable extinguishing media : None known.

5.2. Special hazards arising from the substance or mixture

- Fire hazard : Products of combustion may include, and are not limited to: oxides of carbon.

5.3. Advice for firefighters

- Protection during firefighting : Keep upwind of fire. Wear full fire fighting turn-out gear (full Bunker gear) and respiratory protection (SCBA).

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

- General measures : Use personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel.

6.1.1. For non-emergency personnel

No additional information available

6.1.2. For emergency responders

No additional information available

6.2. Environmental precautions

Prevent entry to sewers and public waters.

6.3. Methods and material for containment and cleaning up

- For containment : Absorb and/or contain spill with inert material (sand, vermiculite or other appropriate material), then place in suitable container. Do not flush into surface water or sewer system. Wear recommended personal protective equipment.
- Methods for cleaning up : Sweep or shovel spills into appropriate container for disposal. Provide ventilation.

6.4. Reference to other sections

For further information refer to section 8: "Exposure controls/personal protection"

Envirothane 250 White 2K Primer

Safety Data Sheet

According to the Hazard Communication Standard (CFR29 1910.1200) HazCom 2012 and the Hazardous Products Regulations (HPR) WHMIS 2015

SECTION 7: Handling and storage

7.1. Precautions for safe handling

- Precautions for safe handling : Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Avoid contact with skin and eyes. Avoid breathing dust/fume/gas/mist/vapours/spray. Do not swallow. Handle and open container with care. When using do not eat, drink or smoke.
- Hygiene measures : Wash contaminated clothing before reuse. Always wash hands after handling the product.

7.2. Conditions for safe storage, including any incompatibilities

- Storage conditions : Keep out of the reach of children. Keep container tightly closed. Store locked up. Store in a dry, cool and well-ventilated place. Protect from freezing. Keep out of direct sunlight.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

| Titanium dioxide (13463-67-7) | | |
|-------------------------------|--------------------------------------|--|
| ACGIH | ACGIH TWA (mg/m ³) | 10 mg/m ³ |
| ACGIH | Remark (ACGIH) | LRT irr; A4 (Confirmed Animal Carcinogen with Unknown Relevance to Humans: The agent is carcinogenic in experimental animals at a relatively high dose, by route(s) of administration, at site(s), of histologic type(s), or by mechanism(s) that may not be relevant to worker exposure. Available epidemiologic studies do not confirm an increased risk of cancer in exposed humans. Available evidence does not suggest that the agent is likely to cause cancer in humans except under uncommon or unlikely routes or levels of exposure) |
| OSHA | OSHA PEL (TWA) (mg/m ³) | 15 mg/m ³ (total dust) |
| IDLH | US IDLH (mg/m ³) | 5000 mg/m ³ |
| NIOSH | NIOSH REL (TWA) (mg/m ³) | 2.4 mg/m ³ (CIB 63-fine) 0.3 mg/m ³ (CIB 63-ultrafine, including engineered nanoscale) |

| Propanol,1(or2)-(2-methoxymethylethoxy)- (34590-94-8) | | |
|---|---------------------------------------|-----------------------|
| ACGIH | ACGIH TWA (ppm) | 100 ppm |
| ACGIH | ACGIH STEL (ppm) | 150 ppm |
| OSHA | OSHA PEL (TWA) (mg/m ³) | 600 mg/m ³ |
| OSHA | OSHA PEL (TWA) (ppm) | 100 ppm |
| IDLH | US IDLH (ppm) | 600 ppm |
| NIOSH | NIOSH REL (TWA) (mg/m ³) | 600 mg/m ³ |
| NIOSH | NIOSH REL (TWA) (ppm) | 100 ppm |
| NIOSH | NIOSH REL (STEL) (mg/m ³) | 900 mg/m ³ |
| NIOSH | NIOSH REL (STEL) (ppm) | 150 ppm |

| 1-Methyl-2-pyrrolidone (872-50-4) | | |
|-----------------------------------|--|--|
| Not applicable | | |

| 2-Methoxy-1-methylethylacetate (108-65-6) | | |
|---|--------|--|
| ACGIH TWA (ppm) | 50 ppm | |

| Talc (14807-96-6) | | |
|-------------------|--------------------------------|---|
| ACGIH | ACGIH TWA (mg/m ³) | 2 mg/m ³ (particulate matter containing no asbestos and <1% crystalline silica, respirable particulate matter) |
| OSHA | OSHA PEL (TWA) (ppm) | 20 mppcf |
| OSHA | Remark (OSHA) | Table Z-3. CAS No. source: eCFR Table Z-1. |
| IDLH | US IDLH (mg/m ³) | 1000 mg/m ³ (containing no asbestos and <1% quartz) |

Envirothane 250 White 2K Primer

Safety Data Sheet

According to the Hazard Communication Standard (CFR29 1910.1200) HazCom 2012 and the Hazardous Products Regulations (HPR) WHMIS 2015

| Talc (14807-96-6) | | |
|-----------------------|--------------------------------------|--|
| NIOSH | NIOSH REL (TWA) (mg/m ³) | 2 mg/m ³ (containing no Asbestos and <1% Quartz-respirable dust) |
| Limestone (1317-65-3) | | |
| OSHA | OSHA PEL (TWA) (mg/m ³) | 15 mg/m ³ (total dust) 5 mg/m ³ (respirable fraction) |
| NIOSH | NIOSH REL (TWA) (mg/m ³) | 10 mg/m ³ (total dust) 5 mg/m ³ (respirable dust) |

8.2. Exposure controls

| | |
|----------------------------------|--|
| Appropriate engineering controls | : Ensure good ventilation of the work station. |
| Hand protection | : Wear suitable gloves. |
| Eye protection | : Safety glasses or goggles are recommended when using product. |
| Skin and body protection | : Wear suitable protective clothing. |
| Respiratory protection | : In case of insufficient ventilation, wear suitable respiratory equipment. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator. |
| Environmental exposure controls | : Avoid release to the environment. |
| Other information | : Handle in accordance with good industrial hygiene and safety procedures. Do not eat, drink or smoke when using this product. |

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

| | |
|--|--|
| Physical state | : Liquid |
| Appearance | : White opaque liquid |
| Colour | : White |
| Odour | : Mild |
| Odour threshold | : Not applicable |
| pH | : 7 - 9 |
| Melting point | : Not applicable |
| Freezing point | : 0 °C (32 °F) |
| Boiling point | : 100 °C (212 °F) |
| Flash point | : > 100 °C (> 212 °F), closed cup |
| Relative evaporation rate (butylacetate=1) | : No data available |
| Flammability (solid, gas) | : Not flammable |
| Vapour pressure | : No data available |
| Relative vapour density at 20 °C (68 °F) | : No data available |
| Relative density | : 1.44 |
| Solubility | : Soluble in water |
| Partition coefficient n-octanol/water | : No data available |
| Auto-ignition temperature | : No data available |
| Decomposition temperature | : No data available |
| Viscosity, kinematic | : No data available |
| Viscosity, dynamic | : 1600 cP |
| Explosive limits | : Lower explosive limit (LEL): Not applicable Upper explosive limit (UEL): Not applicable |
| Explosive properties | : No data available |
| Oxidising properties | : No data available |

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

No dangerous reactions known under normal conditions of use.

Envirothane 250 White 2K Primer

Safety Data Sheet

According to the Hazard Communication Standard (CFR29 1910.1200) HazCom 2012 and the Hazardous Products Regulations (HPR) WHMIS 2015

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

Heat.

10.5. Incompatible materials

None known.

10.6. Hazardous decomposition products

May include, and are not limited to: oxides of carbon.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral) : Not classified.
Acute toxicity (dermal) : Not classified.
Acute toxicity (inhalation) : Not classified.

| 1-Methyl-2-pyrrolidone (872-50-4) | |
|-----------------------------------|-----------------------|
| LD50 oral rat | 3914 mg/kg |
| LD50 dermal rabbit | 8 g/kg |
| LC50 inhalation rat | > 5.1 mg/l/4h |
| ATE CA (oral) | 3914 mg/kg bodyweight |
| ATE CA (Dermal) | 8000 mg/kg bodyweight |

Skin corrosion/irritation : Not classified.
pH: 7 - 9
Serious eye damage/irritation : Not classified.
pH: 7 - 9
Respiratory or skin sensitisation : Not classified.
Germ cell mutagenicity : Not classified.
Carcinogenicity : Not classified.

| 1-Methyl-2-pyrrolidone (872-50-4) | |
|-----------------------------------|-----------------------------------|
| STOT-single exposure | May cause respiratory irritation. |

STOT-repeated exposure : Not classified.
Aspiration hazard : Not classified.
Symptoms/effects after inhalation : May cause irritation to the respiratory tract.
Symptoms/effects after skin contact : May cause skin irritation. Repeated exposure may cause skin dryness or cracking.
Symptoms/effects after eye contact : May cause eye irritation. Symptoms may include discomfort or pain, excess blinking and tear production, with possible redness and swelling.
Symptoms/effects after ingestion : May be harmful if swallowed. May cause gastrointestinal irritation, nausea, vomiting and diarrhea.
Chronic symptoms : May damage fertility or the unborn child.
Other information : Likely routes of exposure: ingestion, inhalation, skin and eye.

| Talc (14807-96-6) | |
|-------------------|----------------------|
| IARC group | 3 - Not classifiable |

Reproductive toxicity : Not classified.
STOT-single exposure : Not classified.
STOT-repeated exposure : Not classified.
Aspiration hazard : Not classified.
Symptoms/effects after inhalation : May cause irritation to the respiratory tract.
Symptoms/effects after skin contact : May cause skin irritation. Repeated exposure may cause skin dryness or cracking.
Symptoms/effects after eye contact : May cause eye irritation. Symptoms may include discomfort or pain, excess blinking and tear production, with possible redness and swelling.

Envirothane 250 White 2K Primer

Safety Data Sheet

According to the Hazard Communication Standard (CFR29 1910.1200) HazCom 2012 and the Hazardous Products Regulations (HPR) WHMIS 2015

| | |
|----------------------------------|--|
| Symptoms/effects after ingestion | : May be harmful if swallowed. May cause gastrointestinal irritation, nausea, vomiting and diarrhea. |
| Other information | : Likely routes of exposure: ingestion, inhalation, skin and eye. |

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general : May cause long-term adverse effects in the aquatic environment.

Propanol,1(or2)-(2-methoxymethylethoxy)- (34590-94-8)

LC50 fish 1 > 10000 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])

EC50 Daphnia 1 1919 mg/l (Exposure time: 48 h - Species: Daphnia magna)

1-Methyl-2-pyrrolidone (872-50-4)

LC50 fish 1 832 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static])

EC50 Daphnia 1 4897 mg/l (Exposure time: 48 h - Species: Daphnia magna)

LC50 fish 2 1072 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])

2-Methoxy-1-methylethylacetate (108-65-6)

LC50 fish 1 134 mg/l (Exposure time: 96 h - Species: Oncorhynchus mkiss [static])

NO EC 47.5 mg/l (Exposure time: 48 h - Species: Oryzias latipes)

12.2. Persistence and degradability

Envirothane 250 White 2K Primer

Persistence and degradability Not established.

12.3. Bioaccumulative potential

Envirothane 250 White 2K Primer

Bioaccumulative potential Not established.

Propanol,1(or2)-(2-methoxymethylethoxy)- (34590-94-8)

Partition coefficient n-octanol/water -0.064 (at 20 °C)

2-Methoxy-1-methylethylacetate (108-65-6)

Partition coefficient n-octanol/water 1.2 (at 20 °C)

1-Methyl-2-pyrrolidone (872-50-4)

Partition coefficient n-octanol/water -0.46 (at 25 °C)

Talc (14807-96-6)

LC50 fish 1 > 100 g/l (Exposure time: 96 h - Species: Brachydanio rerio [semi-static])

12.4. Mobility in soil

No additional information available

12.5. Other adverse effects

Other information : No other effects known.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Product/Packaging disposal recommendations : Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

SECTION 14: Transport information

Department of Transportation (DOT) and Transportation of Dangerous Goods (TDG)

In accordance with DOT/TDG

Not regulated

SECTION 15: Regulatory information

15.1. Federal regulations

All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory.

All components of this product are listed, or excluded from listing, on the Canadian DSL (Domestic Substances List) and NDSL (Non-Domestic Substances List) inventories.

Envirothane 250 White 2K Primer

Safety Data Sheet

According to the Hazard Communication Standard (CFR29 1910.1200) HazCom 2012 and the Hazardous Products Regulations (HPR) WHMIS 2015

15.2. International regulations

No additional information available

15.3. US State regulations

⚠ WARNING: This product can expose you to 1-Methyl-2-pyrrolidone, which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

SECTION 16: Other information

Revision date : 03/28/2022
Other information : None.
Prepared by : Michael Chrisomalis

SDS HazCom 2012 - WHMIS 2015

Disclaimer: We believe the statements, technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind. The information contained in this document applies to this specific material as supplied. It may not be valid for this material if it is used in combination with any other materials. It is the user's responsibility to satisfy oneself as to the suitability and completeness of this information for the user's own particular use.