ELAC500XX - Envirocryl 500 Clear Topcoat

Safety Data Sheet

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

Date of issue: 07/25/2026 Revision date: 07/25/2026 Version: 1.0

SECTION 1: Identification

1.1. Identification

Product form : Mixture

Product name : Envirocryl 500 Clear Topcoat

Product code : ELAC50003, ELAC50010, ELAC50020, ELAC50030, ELAC50090

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	1 - 5
Propanoic acid, 2-methyl, 2.2-dimethyl-1-(1-methylethyl)-1,3-propenediyl ester	(CAS-No.) 6846-50-0	1 - 5
2-Methoxy-1-methylethylacetate	(CAS-No.)108-65-6	0.1 - 1
2-Amino-2-methyl-1-propanol	(CAS-No.)124-68-5	0.1 - 1

Name	Product identifier	%
Silica, amorphous	(CAS-No.) 7631-86-9	0.1 - 1

***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"

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

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/m³)	600 mg/m³
OSHA	OSHA PEL (TWA) (ppm)	100 ppm
IDLH	US IDLH (ppm)	600 ppm
NIOSH	NIOSH REL (TWA) (mg/m³)	600 mg/m³
NIOSH	NIOSH REL (TWA) (ppm)	100 ppm
NIOSH	NIOSH REL (STEL) (mg/m³)	900 mg/m³
NIOSH	NIOSH REL (STEL) (ppm)	150 ppm

Propanoic acid, 2-methyl, 2.2-dimethyl-1-(1-methylethyl)-1,3-propenediyl ester (6846-50-0)
Not applicable

Silica, amorphous (7631-86-9)		
IDLH	US IDLH (mg/m³)	3000 mg/m³
NIOSH	NIOSH REL (TWA) (mg/m³)	6 mg/m³

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 : Translucent white liquid

Colour : Clear

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	:	1.02
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	:	2000 - 3000 cPs
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

VOC'S: 180g/L (less exempt)

SECTION 10: Stability and reactivity

10.1. Reactivity

No dangerous reactions known under normal conditions of use.

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.

Propanoic acid, 2-methyl, 2.2-dimethyl-1-(1-methylethyl)-1,3-propenediyl ester (6846-50-0)	
LD50 oral rat	359 mg/kg
LC50 inhalation rat	42.1 ppm/4h
ATE CA (oral)	276 mg/kg bodyweight
ATE CA (Gases)	42.1 ppmv/4h

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.

Silica, amorphous (7631-86-9)	
IARC group	3 - Not classifiable

Reproductive toxicity : May damage fertility or the unborn child.

STOT-single exposure : Not classified.

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)

Propanoic acid, 2-methyl, 2.2-dimethyl-1-(1-methylethyl)-1,3-propenediyl ester (6846-50-0)	
LC50 fish 1	>1.55 mg/l (Exposure time: 96 h - Species: Poecilia reticulata [static])

Silica, amorphous (7631-86-9)	
LC50 fish 1	5000 mg/l (Exposure time: 96 h - Species: Brachydanio rerio [static])
EC50 Daphnia 1	7600 mg/l (Exposure time: 48 h - Species: Ceriodaphnia dubia)

12.2. Persistence and degradability

Envirocryl 500 Clear Topcoat	
Persistence and degradability	Not established.

12.3. Bioaccumulative potential

Envirocryl 500 Clear Topcoat	
Bioaccumulative potential	Not established.

Propanol,1(or2)-(2-methoxymethylethoxy)- (34590-94-8)	
Partition coefficient n-octanol/water	-0.064 (at 20 °C)

1-Methyl-2-pyrrolidone (872-50-4)	
Partition coefficient n-octanol/water	-0.46 (at 25 °C)

Silica, amorphous (7631-86-9)	
BCF fish 1	(no bioaccumulation expected)

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.

15.2. International regulations

No additional information available

15.3. US State regulations

No additional information available

SECTION 16: Other information

Revision date : 07-25-2026

Other information : None.

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SDS HazCom 2012 - WHMIS 2015

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