

SAFETY DATA SHEET

ACRYLIC UNDERCOATER SEALER

1. Identification of the substance/preparation and of the company/undertaking

Identification of the substance or preparation

- Product name** : ACRYLIC UNDERCOATER SEALER
Product No. : 00272SS
Use of the substance/preparation : Acrylic emulsion sealer
Company/undertaking identification
- Manufacturer** : Essential Industries, Inc.
P.O. Box 12
28391 Essential Rd.
Merton, WI 53056-0012 USA
- Supplier** : Essential Industries, Inc.
P.O. Box 12
28391 Essential Rd.
Merton, WI 53056-0012 USA
- Emergency telephone number** : 001-262-821-7814

2. Composition/information on ingredients

Substance/Preparation : Preparation

Ingredient Name	CAS number	%	EC Number	Classification
Ethanediol See Section 16 for the full text of the R Phrases declared above	107-21-1	1-5	203-473-3	Xn; R22

* Occupational Exposure Limit(s), if available, are listed in section 8

3. Hazards identification

The preparation is not classified as dangerous according to Directive 1999/45/EC and its amendments.

See Section 11 for more detailed information on health effects and symptoms.

4. First aid measures

First aid measures

- Inhalation** : If inhaled, remove to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. Get medical attention.
- Ingestion** : Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately.
- Skin contact** : In case of contact, immediately flush skin with plenty of water. Remove contaminated clothing and shoes. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention.
- Eye contact** : In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention if irritation occurs.
- Specific treatments** : None established.

See Section 11 for more detailed information on health effects and symptoms.

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5. Fire-fighting measures

- Extinguishing media** : In case of fire, use water spray (fog), foam, dry chemical, or CO₂.
- Special exposure hazards** : No specific hazard.
Not available.
- Hazardous thermal decomposition products** : None.
- Special protective equipment for fire-fighters** : Fire-fighters should wear positive pressure self-contained breathing apparatus (SCBA) and full turnout gear.
- Remark** : No additional remark.

6. Accidental release measures

- Personal precautions** : Immediately contact emergency personnel. Keep unnecessary personnel away. Use suitable protective equipment (Section 8). Follow all fire fighting procedures (Section 5).
- Environmental Precautions and Clean-up Methods** : Minimize contact of spilled material with soils to prevent runoff to surface waterways. See Section 13 for Waste Disposal Information.
If emergency personnel are unavailable, contain spilled material. For small spills add absorbent (soil may be used in the absence of other suitable materials) scoop up material and place in a sealed, liquid-proof container for disposal. For large spills dike spilled material or otherwise contain material to ensure runoff does not reach a waterway. Place spilled material in an appropriate container for disposal.

Note: See section 8 for personal protective equipment and section 13 for waste disposal.

7. Handling and storage

- Handling** : Wash thoroughly after handling.
- Storage** : Keep container tightly closed. Keep container in a cool, well-ventilated area.
- Packaging materials**
- Recommended** : Use original container.
- Specific uses** : Industrial applications

8. Exposure controls/personal protection

<u>Ingredient Name</u>	<u>Occupational Exposure Limits</u>
Ethanediol	EH40-OES (United Kingdom (UK), 2002). Skin STEL: 104 mg/m ³ 15 minute(s). Form: Vapor TWA: 10 mg/m ³ 8 hour(s). Form: Particulate TWA: 52 mg/m ³ 8 hour(s). Form: Vapor

- Recommended monitoring procedures** : Good general ventilation should be sufficient to control airborne levels.
- Exposure controls**
- Occupational exposure controls** : Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective occupational exposure limits.
- Respiratory protection** : A respirator is not needed under normal and intended conditions of product use.
- Hand protection** : Use latex gloves.
- Eye protection** : Safety glasses.
- Skin protection** : Additional body garments should be used based upon the task being performed (e.g., sleevelets, apron, gauntlets, disposable suits).

9. Physical and chemical properties

General information

Appearance

- Physical state** : Liquid.
- Color** : White.
- Odor** : Bland.

Important health, safety and environmental information

Date of issue : 5/22/2005.

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pH	: 9.2-9.6
Boiling Point	: 100°C (212°F)
Melting Point	: 0°C (32°F)
Flash point	: Not applicable.
Flammability (solid, gas)	: Not applicable.
Explosive properties	: Not considered as a product presenting risks of explosion.
Oxidizing Properties	: Not available.
Vapor Pressure	: <3.999 kPa (<30 mm Hg) (at 20°C)
Relative density	: Weighted average: 1 g/cm ³
Solubility	: Partially soluble in cold water. Insoluble in hot water, methanol, diethyl ether, n-octanol, acetone.
Octanol/water partition coefficient	: Not determined.
Viscosity	: Not determined.
Vapor Density	: <1 (Air = 1)
Evaporation rate (butyl acetate = 1)	: The highest known value is 0.36 (water) Weighted average: 0.33 compared to Butyl acetate.

Other information

10. Stability and reactivity

Stability	: The product is stable.
Conditions to avoid	: None identified.
Materials to avoid	: None identified.
Hazardous decomposition products	: None.

11. Toxicological information

Potential Acute Health Effects

Inhalation	: May cause respiratory tract irritation.
Ingestion	: May irritate digestive tract.
Skin contact	: Prolonged or repeated contact may dry skin and cause irritation.
Eye contact	: Direct contact may cause irritation and redness.

Acute toxicity

<u>Ingredient Name</u>	<u>Test</u>	<u>Result</u>	<u>Route</u>	<u>Species</u>
Ethanediol	LD50	4700 mg/kg	Oral	Rat
	LD50	1650 mg/kg	Oral	Cat.
	LD50	5500 mg/kg	Oral	Mouse
	LDLo	398 mg/kg	Oral	human
	LDLo	786 mg/kg	Oral	human

Carcinogenicity : No carcinogenic effect known.

Mutagenicity : No mutagenic effect.

Reproductive toxicity : No teratogenic effect.

Over-exposure signs/symptoms

Target Organs : Contains material which causes damage to the following organs: central nervous system (CNS), eye, lens or cornea.
Do not cause damage to the following organs: blood, kidneys, lungs, the nervous system, the reproductive system, liver, mucous membranes, heart, bladder, spleen, brain, digestive system, lymphatic system, peripheral nervous system, gastrointestinal tract, cardiovascular system, upper respiratory tract, endocrine, immune system, skin, eyes.

Other adverse effects : None established.

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12. Ecological information

Ecotoxicity Data

<u>Ingredient Name</u>	<u>Species</u>	<u>Period</u>	<u>Result</u>
Ethanediol	Pimephales promelas (LC50)	96 hour(s)	8050 mg/l
	Pimephales promelas (LC50)	96 hour(s)	>10000 mg/l
	Lepomis macrochirus (LC50)	96 hour(s)	27540 mg/l
	Oncorhynchus mykiss (LC50)	96 hour(s)	41000 mg/l
	Pimephales promelas (LC50)	96 hour(s)	49000 mg/l
	Pimephales promelas (LC50)	96 hour(s)	53000 mg/l

Other adverse effects : Not available.

13. Disposal considerations

Methods of disposal : Avoid contact of spilled material and runoff with soil and surface waterways. Dispose of according to all federal, state and local applicable regulations.

Waste Classification : Not applicable.

European Waste Catalogue (EWC) : Not available.

Hazardous Waste : To present knowledge of the supplier, this product is not regarded as hazardous waste as defined by EU Directive 91/689/EC.

14. Transport information

International transport regulations

<u>Regulatory information</u>	<u>UN number</u>	<u>Proper shipping name</u>	<u>Class</u>	<u>Packing Group</u>	<u>Label</u>	<u>Additional information</u>
ADR/RID Class	Not Regulated.	Not controlled under ADR (Europe).	-	-		No additional remark.
ADN Class	Not Regulated.	Not controlled under ADN (Europe).	-	-		No additional remark.
IMDG Class	Not Regulated.	Not controlled under IMDG.	-	-		No additional remark.
IATA-DGR Class	Not Regulated.	Not controlled under IATA.	-	-		No additional remark.

15. Regulatory information

EU Regulations

Hazard symbol(s) : 

Risk phrases : This product is not classified according to the EU regulations.

Safety phrases : No specific safety phrase has been found applicable for this product.

Product Use : Classification and labeling have been performed according to EU directives 67/548/EEC, 1999/45/EC including amendments and the intended use.
- Industrial applications

Additional Warning Phrases : Safety Data Sheet available for professional user on request.

EC Statistical Classification (Tariff Code) : 32089091

National regulations

16. Other information

Full text of R phrases referred to in Sections 2 and 3 - United Kingdom (UK) : R22- Harmful if swallowed.

Full text of classifications referred to in Sections 2 and 3 - United Kingdom (UK) : Xn - Harmful

Further information : UBA No. 29160017

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Prepared by : Regulatory Affairs.

Notice to Reader

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

Version

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