

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
 United States

Emergency telephone number : 001-262-821-7814

2. Composition/information on ingredients

Substance/preparation : Preparation

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

Occupational exposure limits, 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 potentially dangerous quantities of this material have been 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. Clean shoes thoroughly 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.

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** : Avoid contact of spilled material with soil and prevent runoff entering 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 sealable, liquid-proof container for disposal. For large spills, dike spilled material or otherwise contain it 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 use only.

8. Exposure controls/personal protection

<u>Ingredient name</u>	<u>Occupational exposure limits</u>
Ethanediol	EU OEL (Europe, 2000). Skin Notes: Indicative STEL: 104 mg/m ³ 15 minute(s). STEL: 40 ppm 15 minute(s). TWA: 52 mg/m ³ 8 hour(s). TWA: 20 ppm 8 hour(s).

- Recommended monitoring procedures** : Good general ventilation should be sufficient to control worker exposure to airborne contaminants.
- 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 (e.g. sleevelets, apron, disposable suit etc.), based on the task being performed.

9. Physical and chemical properties

General information

Appearance

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

Important health, safety and environmental information

- 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 to be a product presenting a risk of explosion.
Oxidizing properties : Not available.
Vapor pressure : <3.999 kPa (<30 mm Hg) (at 20°C)
Relative density : Weighted average: 1 g/cm³
Solubility : Partially soluble in the following materials: cold water.
Insoluble in the following materials: 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) : Highest known value: 0.36 (water) Weighted average: 0.33 compared with 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 : None identified.

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Over-exposure signs/symptoms

Target organs : Contains material which causes damage to the following organs: central nervous system (CNS), eye, lens or cornea.
Does 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.

12. Ecological information

Ecotoxicity data

Ingredient name

Ingredient name	Species	Period	Result
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 : Within the present knowledge of the supplier, this product is not regarded as hazardous waste, as defined by EU Directive 91/689/EEC..

14. Transport information

International transport regulations

Regulatory information	UN number	Proper shipping name	Class	Packing group	Label	Additional information
ADR/RID Class	Not Regulated.	Not controlled under ADR (Europe).	-	-		No additional remark.
ADNR Class	Not Regulated.	Not controlled under ADNR (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 or symbols :



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

Safety phrases : No specific safety phrase has been found which is applicable to this product.

Date of issue : 4/24/2008.

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- Product use** : Classification and labeling have been determined according to EU Directives 67/548/EEC and 1999/45/EC (including amendments) and take into account the intended product use.
- Industrial applications
- Additional warning phrases** : Safety Data Sheet available for professional user on request.
- EU statistical classification (Tariff Code)** : 32089091

16. Other information

Full text of R-phrases referred to in sections 2 and 3 - Europe : R22- Harmful if swallowed.

Full text of classifications referred to in sections 2 and 3 - Europe : Xn - Harmful

Further information : UBA No. 29160017

History

- Date of printing** : 4/24/2008.
Date of issue : 4/24/2008.
Date of previous issue : 3/16/2004.
Version : 4
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.

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