

Safety Data Sheet
acc. to SOR/2015-17 and OSHA 29 CFR Parts 1910, 1915,
1926

1 Identification

- **Product identifier**
 - Trade name: ***PROTECTOL Vinyl Protector and Polish***
 - **Article number:** 1284278001
 - **Recommended use:** Surface protector
 - **Restrictions on use:**
All other uses than those indicated on the product label and technical data sheet.
- **Details of the supplier of the safety data sheet:**
 - **Manufacturer:**
Avmor LTD
950, Michelin
Laval, QC,
Canada
H7L 5C1
1-800-387-8074
www.avmor.com
 - **Client Identification Number:** 119100
 - **Emergency telephone number:** CANUTEC 1-613-996-6666

2 Hazard(s) identification

- **Classification of the product:**



Eye Irrit. 2A H319 CAUSES SERIOUS EYE IRRITATION.

- **Label elements:**

- **Hazard pictograms:**



GHS07

- **Signal word:** Warning
- **Hazard statements:**
H319 CAUSES SERIOUS EYE IRRITATION.
- **Precautionary statements:**
P280 Wear protective gloves and eye or face protection.
P264 Wash thoroughly after handling.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

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P337+P313

IF EYE IRRITATION PERSISTS: Get medical attention.

· **Classification system:**

· **NFPA ratings (scale 0 - 4):**



Health = 1

Fire = 0

Reactivity = 0

· **Hazard not otherwise classified:** None

· **Notes:** For the wording of the listed abbreviations refer to section 16.

3 Composition/information on ingredients

· **Dangerous components:**

CAS	Component	(% w/w)
160875-66-1	Poly(oxy-1.2-ethanediyl),alpha-(2-propylheptyl)-omega hydroxy Eye Dam. 1, H318; Acute Tox. 4, H302; Skin Irrit. 2, H315	1-≤2.5%
556-67-2	octamethylcyclotetrasiloxane Flam. Liq. 3, H226; Repr. 2, H361	0.1-≤2.5%

4 First-aid measures

· **General information:**

· **After inhalation:** Rarely cause discomfort; supply fresh air and consult doctor in case of complaints.

· **After skin contact:** May induce a skin irritation.

· **After eye contact:**

Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

· **After ingestion:** If symptoms persist consult a doctor.

· **Information for doctor:**

· **Most important symptoms and effects, both acute and delayed:**

No further relevant information available.

5 Fire-fighting measures

· **Suitable extinguishing media:**

· **Suitable extinguishing media:**

CO₂, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

· **Specific hazards arising from the product:**

In case of accidental fire and extreme heat conditions, the following gaseous products can be released after water evaporation: hydrocarbons, carbon monoxides and dioxides (CO_x) and nitrogen dioxide (NO_x).

· **Advice for firefighters:**

· **Special protective equipment and precautions for fire-fighters:** No special measures required.

· **Additional information:** This product is not flammable.

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6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures:**
Wear recommended protective equipment(s). Keep unprotected persons away.
- **Environmental precautions:** Do not allow to enter sewers/ surface or ground water.
- **Methods and material for containment and cleaning up:**
Surround and absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Ensure adequate ventilation.

7 Handling and storage

- **Handling:**
 - **Precautions for safe handling:** Ensure good ventilation at the workplace.
- **Conditions for safe storage, including any incompatibilities:**
 - **Requirements to be met by storerooms and receptacles:** No special requirements.
 - **Information about storage in one common storage facility:** Not required.
 - **Conditions for safe storage, including any incompatibilities:**
Keep in the original receptacle tightly sealed.
- **Specific end use(s):** No further relevant information available.

8 Exposure controls/personal protection

- **Appropriate engineering controls:** Ensure appropriate aeration and ventilation.
- **Control parameters:**
 - **Components with limit values that require monitoring at the workplace:**
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
 - **Additional information:** The lists that were valid during the creation were used as basis.
- **Exposure controls:**
 - **Personal protective equipment:**
 - **General protective and hygienic measures:**
Immediately remove all soiled and contaminated clothing.
Wash hands before breaks and at the end of work.
Keep away from foodstuffs, beverages and feed.
 - **Breathing equipment:** Not required.
 - **Eye protection:** Not required.
 - **Body protection:** No special measures required.

9 Physical and chemical properties

- **Information on basic physical and chemical properties:**
 - **General Information:**
 - **Appearance:**
 - **Form:** Opaque Liquid
 - **Colour:** White

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· Odour:	Floral
· Odour threshold:	Not determined.
· pH-value at 25 °C:	6.5-8.0
· Change in condition:	
· Melting point/Melting range:	Undetermined.
· Boiling point/Boiling range:	100 °C
· Flash point:	Not determined.
· Flammability (solid, gaseous):	Not applicable.
· Ignition temperature:	Not determined.
· Decomposition temperature:	Not determined.
· Auto igniting:	Product is not selfigniting.
· Danger of explosion:	Product does not present an explosion hazard.
· Explosion limits:	
· Lower:	Not determined.
· Upper:	Not determined.
· Vapour pressure:	Not determined.
· Density at 25 °C:	0.992-1.000 g/cm ³
· Relative density	Not determined.
· Vapour density (air=1):	<1 (aqueous solution)
· Evaporation rate:	Not determined.
· Solubility in / Miscibility with:	
· Water:	Fully miscible
· Partition coefficient (n-octanol/water):	Not determined.
· Viscosity:	
· Dynamic:	Not determined.
· Solvent content:	
· Organic solvents:	0,0 %

10 Stability and reactivity

- **Reactivity:** Not determined.
- **Chemical stability:**
 - **Thermal decomposition / conditions to be avoided:**
 No decomposition if used according to specifications.
- **Possibility of hazardous reactions:** No dangerous reactions known.
- **Conditions to avoid:** Avoid freezing and extreme heat conditions.
- **Incompatible materials:** This product may react with strong oxidizing agents.

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· **Hazardous decomposition products:**

In case of decomposition: carbon monoxide and carbon dioxide and traces of volatile halogenated compounds.

11 Toxicological information

· **Information on the likely routes of exposure:** Skin and eyes contact

· **Acute toxicity:**

· **Numerical measures of toxicity:**

Components Mean of exposure	Type	Value (Species)
Oral	LD50	32895 mg/kg (Rat)
Inhalative	LC50 (4 h)	7500 mg/L (Rat)

160875-66-1 Poly(oxy-1.2-ethanediyl),alpha-(2-propylheptyl)-omega hydroxy

Oral	LD50	>500 mg/kg (Rat)
Irritation of skin	OECD guideline 404	cat.2 (Rabbit)
Irritation of eyes	OECD, guideline 405	cat.1 (Rabbit)

556-67-2 octamethylcyclotetrasiloxane

Oral	LD50	>2000 mg/kg (Rat)
Inhalative	LC50 (4 h)	36 mg/L (Rat) (OECD guideline 403)
Irritation of skin	OECD guideline 404	null (Rabbit)
Irritation of eyes	OECD, guideline 405	null (Rabbit)

· **Symptomes related to the physical, chemical and toxicological characteristics:**

· **By inhalation:** Not applicable

· **If on the skin:** May cause irritation by prolonged contact with skin.

· **If on the eye:** Irritating effect.

· **After ingestion:** May cause irritation of the gastrointestinal tract, nausea, vomiting and headache.

· **Sensitization:** No sensitizing effects known.

· **Delayed and immediate effects, and chronic effects from short-term and long-term exposure:**

Prolonged or frequent contact can cause eczema and inflammation of the skins as a results of degreasing.

· **Additional toxicological information:**

The product shows the following dangers according to internally approved calculation methods for preparations:
Irritant

· **Carcinogenic categories:**

· IARC (International Agency for Research on Cancer)		
50-00-0	formaldehyde	1
75-21-8	Ethylene oxide	1
123-91-1	1,4-dioxane	2B

· NTP (National Toxicology Program)		
50-00-0	formaldehyde	K
75-21-8	Ethylene oxide	K

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123-91-1 1,4-dioxane

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12 Ecological information

· Toxicity

· Aquatic toxicity:

160875-66-1 Poly(oxy-1.2-ethanediyl),alpha-(2-propylheptyl)-omega hydroxy

EC50 (48 h, OECD guideline 202) 1 mg/L (daphnia magna [water flea])

EC50 (72 h, OECD guideline 201) 10 mg/L (Algae)

· Persistence and degradability: No relevant information available.

· Behavior in environmental systems:

· Bioaccumulative potential: No further relevant information available.

· Mobility in soil: No further relevant information available.

· Ecotoxicity: No relevant information available

· General notes:

Germany: Water hazard class 3 (Self-assessment): extremely hazardous for water.

Germany: Do not allow product to reach ground water, water course or sewage system, even in small quantities.

Germany: Danger to drinking water if even extremely small quantities leak into the ground.

13 Disposal considerations

· Waste treatment methods:

· Recommendation:

Must not be disposed of together with household garbage. Do not allow product to reach sewage system unless significantly diluted or neutralized.

· Uncleaned packagings:

· Recommendation: Disposal must be made according to official regulations.

· Recommended cleansing agent: Water.

14 Transport information

· DOT, ADN, IMDG, IATA

Not regulated.

· UN proper shipping name

· DOT

Not regulated.

· Transport hazard class(es)

· Class

Not regulated.

· Packing group

· DOT

Not regulated.

· Environmental hazards:

· Marine pollutant:

No

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- **Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code** Not applicable.

15 Regulatory information

- **Safety, health and environmental regulations/legislation specific for the substance or mixture:**

· Chemicals known to cause cancer:

50-00-0	formaldehyde
75-21-8	Ethylene oxide
123-91-1	1,4-dioxane

· Chemicals known to cause reproductive toxicity for females:

75-21-8	Ethylene oxide
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· Chemicals known to cause reproductive toxicity for males:

75-21-8	Ethylene oxide
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· Chemicals known to cause developmental toxicity:

67-56-1	Methanol
75-21-8	Ethylene oxide

· EPA (Environmental Protection Agency)

50-00-0	formaldehyde	B1
123-91-1	1,4-dioxane	L

· TLV (Threshold Limit Value established by ACGIH)

50-00-0	formaldehyde	A2
75-21-8	Ethylene oxide	A2
123-91-1	1,4-dioxane	A3

· NIOSH-Ca (National Institute for Occupational Safety and Health)

50-00-0	formaldehyde
75-21-8	Ethylene oxide
123-91-1	1,4-dioxane

16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- **Date of creation/last revision:** 10/21/2015

· Abbreviations and acronyms:

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
 IMDG: International Maritime Code for Dangerous Goods
 DOT: US Department of Transportation
 IATA: International Air Transport Association
 ACGIH: American Conference of Governmental Industrial Hygienists
 EINECS: European Inventory of Existing Commercial Chemical Substances
 ELINCS: European List of Notified Chemical Substances
 CAS: Chemical Abstracts Service (division of the American Chemical Society)

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NFPA: National Fire Protection Association (USA)
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent
Flam. Liq. 3: Flammable liquids, Hazard Category 3
Acute Tox. 4: Acute toxicity, Hazard Category 4
Skin Irrit. 2: Skin corrosion/irritation, Hazard Category 2
Eye Dam. 1: Serious eye damage/eye irritation, Hazard Category 1
Eye Irrit. 2A: Serious eye damage/eye irritation, Hazard Category 2A
Repr. 2: Reproductive toxicity, Hazard Category 2

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