

Safety Data Sheet

according to Ordinance (EC) No. 1907/2006

Printing date: 26.01.16

Revision: 1 / 05.08.2013

Page 1 / 9

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

Trade name: POLY Sealer

Supplier: *Gerd Eisenblätter GmbH*

*Jeschkenstraße 12d
82538 Geretsried
Phone: + 49 (0) 8171 / 9082 - 010*

Emergencies: +49 (0) 8171 / 9082 - 010

2. Composition / Information on ingredients

Chemical characterisation: Mixtures

Dangerous components:

None

Further ingredients

WHITE MINERAL OIL (PETROLEUM)
EC-No.: 232-455-8; CAS-No.: 8042-47-5
Weight fraction: 50 - 100 %

(Full text of R-, H- and EUH-phrases: see section 16.)

3. Hazards identification

3.1. Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 (CLP)

None.

Classification according to Directive 67/548/EEC or Directive 1999/45/EC

None.

3.2. Label elements

None.

3.3. Other hazards

None.

Safety Data Sheet

according to Ordinance (EC) No. 1907/2006

Trade Name: **POLY Sealer**

Page 2 / 9

4. First aid measures

4.1. Description of first aid measures

- After inhalation: Provide fresh air. When in doubt or if symptoms are observed, get medical advice.
- After skin contact: After contact with skin, wash immediately with plenty of water and soap.
In case of skin irritation, consult a physician.
- After eye contact: After contact with the eyes, rinse with water with the eyelids open for a sufficient length of time, then consult an ophthalmologist immediately.
P338 - Remove contact lenses, if present and easy to do. Continue rinsing.
- After swallowing: Do not induce vomiting. Call a physician immediately.
- General information: Remove contaminated, saturated clothing immediately.
Do not put any product-impregnated cleaning rags into your trouser pockets.

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

May be fatal if swallowed and enters airways. Ingestion causes nausea, weakness and central nervous system effects.

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

None.

5. Fire-fighting measures

5.1. Extinguishing media

Suitable extinguishing agents:

Carbon dioxide (CO₂), water spray jet, extinguishing powder, foam.

Unsuitable extinguishing agents

High power water jet.

5.2. Special hazards arising from the substance or mixture

Hazardous combustion products

Carbon monoxide, Sulphur oxides, Nitrogen oxides (NO_x), carbon black.

5.3. Advice for fire fighters

Special protective equipment for firefighters

In case of fire: Wear a self-contained breathing apparatus.

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

Safety Data Sheet

according to Ordinance (EC) No. 1907/2006

Trade Name: **POLY Sealer**

Page 3 / 9

6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Special danger of slipping by leaking / spilling product. Remove all sources of ignition.

6.2. Environmental precautions

Do not allow to enter into surface water or drains. Do not allow to enter into soil / subsoil. Prevent spread over a wide area (e.g. by containment or oil barriers). Cover drains.

6.3. Methods and material for containment and cleaning up

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents). Treat the recovered material as prescribed in the section on waste disposal.

6.4. Reference to other sections

See section 7 for information on safe handling.

See section 8 for information on personal protection equipment.

See section 13 for disposal information.

7. Handling and storage

7.1. Precautions for safe handling

P271 - Use only outdoors or in a well-ventilated area. Wear breathing apparatus if exposed to vapours / dusts / aerosols. Keep away from sources of ignition. - No smoking.

7.2. Conditions for safe storage, including any incompatibilities

Keep only in the original container in a cool, well-ventilated place. Protect against direct sunlight.

Hints on joint storage

Storage class (TRGS 510): 10

Do not store together with

Oxidising agent

Further information on storage conditions

Recommended storage temperature: > 5 - 50°C

Specific end use(s):

Observe technical data sheet. Observe instructions for use.

8. Exposure controls / personal protection

8.1. Control parameters

None

8.2. Exposure controls

Appropriate engineering controls

Provide adequate ventilation as well as local exhaust at critical locations.

Safety Data Sheet

according to Ordinance (EC) No. 1907/2006

Trade Name: **POLY Sealer**

Page 4 / 9

Personal protective equipment:

General protective and hygienic measures:

When using do not eat, drink, smoke, sniff. Avoid contact with skin, eyes and clothes.
Remove contaminated, saturated clothing immediately.

Protection of hands:

Wear protective gloves in case of longer lasting skin contact.

Suitable gloves type: EN 374.

Suitable material: NBR (Nitrile rubber).

Breakthrough time (maximum wearing time): 480 min.

Thickness of the glove material: 0.4 mm

Remark: The exact breakthrough time has to be requested from the protective glove manufacturer and limits has to be ensured.

Eye protection:

Wear suitable safety goggles in case of splash.

Suitable eye protection: Safety goggles acc. EN 166.

Additional information:

No tests have been performed. Selection made for preparations according to the best available knowledge and information on ingredients.

In the case of preparations the resistance of glove materials cannot be calculated in advance so it has to be tested before use.

9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

Form:	liquid
Colour:	clear
Odour:	characteristic
pH-value	n.a.
Vapour pressure (20°C):	0.1 hPa
Vapour pressure (50°C):	n.a.
Melting point/ Melting temperature (1013 hPa)	ca. -9°C
Boiling temperature/ Boiling range (1013hPa):	218 – 800°C
Decomposition temperature:	n.a.
Flash point:	ca. 266°C
Ignition temperature:	ca. 400°C
Danger of explosion:	
lower explosion limit:	n.a.
upper explosion limit:	n.a.

Safety Data Sheet

according to Ordinance (EC) No. 1907/2006

Trade Name: **POLY Sealer**

Page 5 / 9

Density (20°C):	ca. 0.867 g/cm ³
Bulk density:	n.a.
Solubility (20°C):	insoluble
Solvent separation test (20°C):	n.a.
Flow time (20°C):	n.a.
Log P O/W:	No data available
Cinematic viscosity (40°C):	ca. 70 mm ² /s
Odour threshold:	n.a.
Relative vapour density (20°C):	No data available
Vapourisation rate:	n.a.
Maximum VOC content (EC):	0 Wt %
Maximum VOC content (Switzerland):	0 Wt %

9.2. Other information

None.

10. Stability and reactivity

10.1. Reactivity

No information available.

10.2. Chemical stability

No information available.

10.3. Possibility of hazardous reactions

Reactions with strong oxidants are expected. Peroxides can be produced.

10.4. Conditions to avoid

Keep away from sources of heat (e.g. hot surfaces), sparks and open flames.
Remove heat to avoid pressure rise.

10.5. Incompatible materials

Oxidising agent, strong.

10.6. Hazardous decomposition products

No information available.

Safety Data Sheet

according to Ordinance (EC) No. 1907/2006

Trade Name: **POLY Sealer**

Page 6 / 9

11. Toxicological information

11.1. Information on toxicological effects

Acute effects:

Acute oral toxicity

Parameter: LD50
(WHITE MINERAL OIL (PETROLEUM); CAS-No.: 8042-47-5)
Exposure route: Oral
Species: Rat
Effective dose: > 5000 mg/kg
Method: OECD 401

Acute dermal toxicity

Parameter: LD50
(WHITE MINERAL OIL (PETROLEUM); CAS-No.: 8042-47-5)
Exposure route: Dermal
Species: Rabbit
Effective dose: > 2000 mg/kg
Method: OECD 402

Acute inhalation toxicity

Parameter: LC50
(WHITE MINERAL OIL (PETROLEUM); CAS-No.: 8042-47-5)
Exposure route: Inhalation
Species: Rat
Effective dose: > 5000 mg/kg
Exposure time: 4 h
Method: OECD 403

11.4. Additional information

The classification was carried out according to the calculation method of the Preparations Directive (1999/45/EC).

12. Ecological information

12.1. Toxicity

Aquatic toxicity

Acute (short-term) fish toxicity

Parameter: LC50
(WHITE MINERAL OIL (PETROLEUM); CAS-No.: 8042-47-5)
Species: Leuciscus idus (golden orfe)
Effective dose: > 1000 mg/l
Exposure time: 96 h
Method: OECD 203

Safety Data Sheet

according to Ordinance (EC) No. 1907/2006

Trade Name: **POLY Sealer**

Page 7 / 9

Acute (short-term) daphnia toxicity

Parameter: EC50
(WHITE MINERAL OIL (PETROLEUM); CAS-No.: 8042-47-5)
Species: Daphnia magna (Big water flea)
Effective dose: > 100 mg/l
Exposure time: 48 h
Method: OECD 202

Chronic (long-term) algae toxicity

Parameter: NOEC
(WHITE MINERAL OIL (PETROLEUM); CAS-No.: 8042-47-5)
Species: Pseudokirchneriella subcapitata
Effective dose: > = 100 mg/l
Exposure time: 72 h
Method: OECD 201

12.2. Persistence and degradability

Biodegradation

Analytical method: Biodegradation
(WHITE MINERAL OIL (PETROLEUM); CAS-No.: 8042-47-5)
Parameter: Biodegradation
Degradation rate: 31,3 %
Time: 28 d
Evaluation: Not readily biodegradable (according to OECD criteria).
Method: OECD 301F/ ISO 9408/ EEC 92/69/V, C.4-D

12.3. Bioaccumulative potential

No information available.

12.4. Mobility in soil

No information available.

12.5. Results of PBT and vPvB assessment

This substance does not meet the PBT / vPvB criteria of REACH, annex XIII.

12.6. Other adverse effects

Do not allow uncontrolled discharge of product into the environment.

12.7. Further ecological information

None

13. Disposal considerations

The waste codes are recommendations based on the schedule use of this product. Owing to the user's specific conditions for use and disposal, other waste codes may be allocated under certain circumstances.

Safety Data Sheet

according to Ordinance (EC) No. 1907/2006

Trade Name: **POLY Sealer**

Page 8 / 9

13.1. Waste treatment methods

Product / Packaging disposal

Waste codes / waste designations according to EWC / AVV

Waste code product

13 02 05* - mineral-based non-chlorinated engine, gear and lubricating oils.

Waste code packaging

15 01 02 - plastic packaging.

Waste treatment options

Appropriate disposal / Package

Contaminated packaging must be emptied of all residues and, following appropriate cleaning, may be sent to a recycling plant. Uncleaned packaging must be disposed of in the same manner as the medium.

14. Transport information

14.1. UN number

No dangerous goods in sense of this transport regulation.

14.2. UN proper shipping name

No dangerous goods in sense of this transport regulation.

14.3. Transport hazard class(es)

No dangerous goods in sense of this transport regulation.

14.4. Packing group

No dangerous goods in sense of this transport regulation.

14.5. Environmental hazards

No dangerous goods in sense of this transport regulation.

14.6. Special precautions for user

None

15. Regulatory information

15.1. Safety, health and environmental regulations / legislation specific for the substance or mixture

EU legislation

National regulations

AT: Labelling according to Austrian regulations (Chemikaliengesetz / ChemV).

CH: Chemikalienverordnung (ChemV) and Chemikalien-Risikoreduktions-Verordnung (Chem RRV) are complied.

Water hazard class (WGK)

Class : 1 (Slightly hazardous to water)

Other regulations, restrictions and prohibition regulations

VbF-Class : -

15.2. Chemical safety assessment

No information available.

Safety Data Sheet

according to Ordinance (EC) No. 1907/2006

Trade Name: **POLY Sealer**

Page 9 / 9

16. Other information

Relevant R-, H- and EUH-phrases (number and full text):

None.

Abbreviations and acronyms

ADR: Accord européen relatif au transport international des marchandises Dangereuses par Route.
AOX: adsorbable organohalogenes
CAS: Chemicals Abstracts Service
CLP: Classification, Labelling and Packaging
EAK / AVV: europäischer Abfallschlüsselkatalog (european waste catalogue)
EINECS: European Inventory of Existing Commercial Chemical Substances
GHS: Globally Harmonized System of Classification and Labelling of Chemicals
IATA: International Air Transport Association
ICAO: International Civil Aviation Organization
IMDG: International Maritime Code for Dangerous Goods
RCP: reciprocal calculation procedure
RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)
TRGS: Technische Regel für den Umgang mit Gefahrstoffen
VbF: Verordnung über brennbare Flüssigkeiten
VOC: Volatile Organic Compounds
VwVwS: Verwaltungsvorschrift wassergefährdende Stoffe
WGK: Wassergefährdungsklasse (water hazardous class)

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.