



# Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 06.01.2023

Revision: 06.01.2023

Version number 18 (replaces version 17)

## SECTION 1: Identification of the substance/mixture and of the company/ undertaking

### 1.1 Product identifier

· **Trade name:** Polymer Shine Protection

· **UFI:** MPE0-N0H5-400U-0PUQ

· **1.2 Relevant identified uses of the substance or mixture and uses advised against**

#### · **Sector of Use**

SU21 Consumer uses: Private households / general public / consumers

SU22 Professional uses: Public domain (administration, education, entertainment, services, craftsmen)

· **Application of the substance / the mixture** Surface active agent

### 1.3 Details of the supplier of the safety data sheet

#### · **Manufacturer/Supplier:**

Dursol-Fabrik Otto Durst GmbH & Co. KG

Martinstr. 22

42655 SOLINGEN

Germany

Tel.: +49 (0)212 - 2718-0

Fax: +49 (0)212 - 208795

www.autosol.de

#### · **Further information obtainable from:**

Department Product Safety

labor@autosol.de

### 1.4 Emergency telephone number:

+49 (0) 212 - 2718-0

Only available during the following office hours: Mo-Fr; 08:00 -16:00 h (MEZ/MESZ)

Languages of the phone service: German & English

## SECTION 2: Hazards identification

### 2.1 Classification of the substance or mixture

#### · **Classification according to Regulation (EC) No 1272/2008**

The product is not classified, according to the GB CLP regulation.

### 2.2 Label elements

· **Labelling according to Regulation (EC) No 1272/2008** Void

· **Hazard pictograms** Void

· **Signal word** Void

· **Hazard statements** Void

· **Precautionary statements**

P260 Do not breathe spray.

· **Additional information:** Keep out of reach of children.

· **2.3 Other hazards**

· **Results of PBT and vPvB assessment**

· **PBT:** Not applicable.

· **vPvB:** Not applicable.



# Safety data sheet

according to 1907/2006/EC, Article 31

Page 2/8

Printing date 06.01.2023

Revision: 06.01.2023

Version number 18 (replaces version 17)

Trade name: Polymer Shine Protection

(Contd. of page 1)

## SECTION 3: Composition/information on ingredients

### 3.2 Mixtures

**Description:** Mixture of substances listed below with nonhazardous additions.

#### Dangerous components:

CAS: 5131-66-8 EINECS: 225-878-4 Reg.nr.: 01-2119475527-28-xxxx	3-butoxypropan-2-ol ⚠ Acute Tox. 4, H312; Skin Irrit. 2, H315; Eye Irrit. 2, H319 Specific concentration limit: Eye Irrit. 2; H319: C ≥ 20 %	1-<10%
CAS: 64-17-5 EINECS: 200-578-6 Reg.nr.: 01-2119457610-43-xxxx	ethanol ⚠ Flam. Liq. 2, H225; ⚠ Eye Irrit. 2, H319 Specific concentration limit: Eye Irrit. 2; H319: C ≥ 50 %	1-<10%

#### Regulation (EC) No 648/2004 on detergents / Labelling for contents

non-ionic surfactants	<5%
2-Bromo-2-nitroropane-1,3-diol, Benzisothiazolinone	

**Additional information:** For the wording of the listed hazard phrases refer to section 16.

## SECTION 4: First aid measures

### 4.1 Description of first aid measures

- General information:** No special measures required.
- After inhalation:** Supply fresh air; consult doctor in case of complaints.
- After skin contact:** Generally the product does not irritate the skin.
- After eye contact:** Rinse opened eye for several minutes under running water.
- After swallowing:** If symptoms persist consult doctor.

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

No further relevant information available.

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

No further relevant information available.

## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

#### Suitable extinguishing agents:

CO<sub>2</sub>, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

#### For safety reasons unsuitable extinguishing agents:

Water with full jet

### 5.2 Special hazards arising from the substance or mixture

During heating or in case of fire poisonous gases are produced.

### 5.3 Advice for firefighters

- Protective equipment:** Mouth respiratory protective device.
- Additional information** Cool endangered receptacles with water spray.

— GB —

(Contd. on page 3)



# Safety data sheet

according to 1907/2006/EC, Article 31

Page 3/8

Printing date 06.01.2023

Revision: 06.01.2023

Version number 18 (replaces version 17)

Trade name: Polymer Shine Protection

(Contd. of page 2)

## SECTION 6: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures**  
Mount respiratory protective device.
- **6.2 Environmental precautions:** Do not allow to enter sewers/ surface or ground water.
- **6.3 Methods and material for containment and cleaning up:**  
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).  
Ensure adequate ventilation.
- **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.

## SECTION 7: Handling and storage

- **7.1 Precautions for safe handling**  
No special measures required.  
Ensure good ventilation/exhaustion at the workplace.  
Prevent formation of aerosols.
- **Information about fire - and explosion protection:** Keep respiratory protective device available.
- **7.2 Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** No special requirements.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** None.
- **Storage class:** 10
- **7.3 Specific end use(s)** No further relevant information available.

## SECTION 8: Exposure controls/personal protection

- **8.1 Control parameters**
  - **Ingredients with limit values that require monitoring at the workplace:**
- |  |
|--|
| <b>64-17-5 ethanol</b>                                   |
| WEL   Long-term value: 1920 mg/m <sup>3</sup> , 1000 ppm |
- **Additional information:** The lists valid during the making were used as basis.

- **8.2 Exposure controls**
- **Appropriate engineering controls** No further data; see item 7.
- **Individual protection measures, such as personal protective equipment**
- **General protective and hygienic measures:**  
The usual precautionary measures are to be adhered to when handling chemicals.  
Do not inhale gases / fumes / aerosols.
- **Respiratory protection:**  
Filter A/P2  
In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.

(Contd. on page 4)

GB —



# Safety data sheet

according to 1907/2006/EC, Article 31

Page 4/8

Printing date 06.01.2023

Revision: 06.01.2023

Version number 18 (replaces version 17)

Trade name: Polymer Shine Protection

(Contd. of page 3)

## · Hand protection

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

## · Material of gloves

Natural rubber, NR

Recommended thickness of the material:  $\geq 0.5$  mm

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

## · Penetration time of glove material

For the mixture of chemicals mentioned below the penetration time has to be at least 480 minutes (Permeation according to EN 16523-1:2015: Level 6).

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

## · Eye/face protection Goggles recommended during refilling

## SECTION 9: Physical and chemical properties

### · 9.1 Information on basic physical and chemical properties

#### · General Information

· Colour:	Opaque
· Odour:	Characteristic
· Odour threshold:	Not determined.
· Melting point/freezing point:	Undetermined.
· Boiling point or initial boiling point and boiling range	100 °C
· Flammability	Not applicable.
· Lower and upper explosion limit	
· Lower:	Not determined.
· Upper:	Not determined.
· Flash point:	No Combustibility °C (Keine Weiterbrennbarkeit)
· Decomposition temperature:	Not determined.
· pH at 20 °C	5
· Viscosity:	
· Kinematic viscosity at 40 °C	>21 mm <sup>2</sup> /s
· Dynamic:	Not determined.
· Solubility	
· water:	Not miscible or difficult to mix.
· Partition coefficient n-octanol/water (log value)	Not determined.
· Vapour pressure:	Not determined.
· Density and/or relative density	
· Density at 20 °C:	0.994 g/cm <sup>3</sup>
· Relative density	Not determined.
· Vapour density	Not determined.

(Contd. on page 5)

GB



# Safety data sheet

according to 1907/2006/EC, Article 31

Page 5/8

Printing date 06.01.2023

Revision: 06.01.2023

Version number 18 (replaces version 17)

Trade name: Polymer Shine Protection

(Contd. of page 4)

· <b>9.2 Other information</b>	
· <b>Appearance:</b>	
· <b>Form:</b>	Fluid
· <b>Important information on protection of health and environment, and on safety.</b>	
· <b>Auto-ignition temperature:</b>	Product is not selfigniting.
· <b>Explosive properties:</b>	Product does not present an explosion hazard.
· <b>Change in condition</b>	
· <b>Evaporation rate</b>	Not determined.

· <b>Information with regard to physical hazard classes</b>	
· <b>Explosives</b>	Void
· <b>Flammable gases</b>	Void
· <b>Aerosols</b>	Void
· <b>Oxidising gases</b>	Void
· <b>Gases under pressure</b>	Void
· <b>Flammable liquids</b>	Void
· <b>Flammable solids</b>	Void
· <b>Self-reactive substances and mixtures</b>	Void
· <b>Pyrophoric liquids</b>	Void
· <b>Pyrophoric solids</b>	Void
· <b>Self-heating substances and mixtures</b>	Void
· <b>Substances and mixtures, which emit flammable gases in contact with water</b>	Void
· <b>Oxidising liquids</b>	Void
· <b>Oxidising solids</b>	Void
· <b>Organic peroxides</b>	Void
· <b>Corrosive to metals</b>	Void
· <b>Desensitised explosives</b>	Void

## SECTION 10: Stability and reactivity

- **10.1 Reactivity** No further relevant information available.
- **10.2 Chemical stability**
- **Thermal decomposition / conditions to be avoided:**  
No decomposition if used according to specifications.
- **10.3 Possibility of hazardous reactions** No dangerous reactions known.
- **10.4 Conditions to avoid** No further relevant information available.
- **10.5 Incompatible materials:** No further relevant information available.
- **10.6 Hazardous decomposition products:** No dangerous decomposition products known.

— GB —

(Contd. on page 6)



# Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 06.01.2023

Revision: 06.01.2023

Version number 18 (replaces version 17)

Trade name: Polymer Shine Protection

(Contd. of page 5)

## SECTION 11: Toxicological information

- **11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008**
- **Acute toxicity** Based on available data, the classification criteria are not met.

- **LD/LC50 values relevant for classification:**

### 5131-66-8 3-butoxypropan-2-ol

Oral	LD50	3,300 mg/kg (rat)
Dermal	LD50	2,000 mg/kg (rat)
Inhalative	LC50 (4 h)	650 mg/l (rat)

### 64-17-5 ethanol

Oral	LD50	7,060 mg/kg (rat)
Inhalative	LC50 (4 h)	20,000 mg/l (rat)

- **Skin corrosion/irritation** Based on available data, the classification criteria are not met.
- **Serious eye damage/irritation** Based on available data, the classification criteria are not met.
- **Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.
- **Germ cell mutagenicity** Based on available data, the classification criteria are not met.
- **Carcinogenicity** Based on available data, the classification criteria are not met.
- **Reproductive toxicity** Based on available data, the classification criteria are not met.
- **STOT-single exposure** Based on available data, the classification criteria are not met.
- **STOT-repeated exposure** Based on available data, the classification criteria are not met.
- **Aspiration hazard** Based on available data, the classification criteria are not met.

- **11.2 Information on other hazards**

- **Endocrine disrupting properties**

None of the ingredients is listed.

## SECTION 12: Ecological information

- **12.1 Toxicity**

- **Aquatic toxicity:**

### 5131-66-8 3-butoxypropan-2-ol

EC50 (48 h) (static)	>1,000 mg/l (daphnia)
LC50 (96 h) (static)	560-1,000 mg/l (fish)

- **12.2 Persistence and degradability** No further relevant information available.
- **12.3 Bioaccumulative potential** No further relevant information available.
- **12.4 Mobility in soil** No further relevant information available.
- **12.5 Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **12.6 Endocrine disrupting properties** For information on endocrine disrupting properties see section 11.

(Contd. on page 7)

GB





# Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 06.01.2023

Revision: 06.01.2023

Version number 18 (replaces version 17)

Trade name: Polymer Shine Protection

(Contd. of page 6)

## · 12.7 Other adverse effects

## · Additional ecological information:

## · General notes:

Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water  
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

## SECTION 13: Disposal considerations

### · 13.1 Waste treatment methods

· **Recommendation** Smaller quantities can be disposed of with household waste.

### · Uncleaned packaging:

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

## SECTION 14: Transport information

### · 14.1 UN number or ID number

· **ADR, ADN, IMDG, IATA** Void

### · 14.2 UN proper shipping name

· **ADR, ADN, IMDG, IATA** Void

### · 14.3 Transport hazard class(es)

· **ADR, ADN, IMDG, IATA**  
· **Class** Void

### · 14.4 Packing group

· **ADR, IMDG, IATA** Void

### · 14.5 Environmental hazards:

Not applicable.

### · 14.6 Special precautions for user

Not applicable.

### · 14.7 Maritime transport in bulk according to IMO instruments

Not applicable.

### · UN "Model Regulation":

Void

## SECTION 15: Regulatory information

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

#### · Directive 2012/18/EU

· **Named dangerous substances - ANNEX I** None of the ingredients is listed.

· **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

GB

(Contd. on page 8)



# Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 06.01.2023

Revision: 06.01.2023

Version number 18 (replaces version 17)

**Trade name: Polymer Shine Protection**

(Contd. of page 7)

## SECTION 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.

### · **Relevant phrases**

H225 Highly flammable liquid and vapour.

H312 Harmful in contact with skin.

H315 Causes skin irritation.

H319 Causes serious eye irritation.

### · **Department issuing SDS:**

Dursol-Fabrik Otto Durst GmbH & Co. KG

Martinstraße 22

42655 Solingen

Germany

Abteilung F&E / Produktsicherheit

### · **Contact:** labor@autosol.de

### · **Abbreviations and acronyms:**

ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

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)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

Flam. Liq. 2: Flammable liquids – Category 2

Acute Tox. 4: Acute toxicity – Category 4

Skin Irrit. 2: Skin corrosion/irritation – Category 2

Eye Irrit. 2: Serious eye damage/eye irritation – Category 2

### · **\* Data compared to the previous version altered.**

— GB —