

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH)

Revision date: 12-Apr-2018

Print date: 12-Apr-2018

Version: 2.0

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Ombrella Glass Treatment

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

1.1 Product identifier

Trade name/designation:

Ombrella Glass Treatment

Other means of identification:

This safety data sheet is also valid for the following product names:

AQUAPEL Glass Sealant

Article No.:

OMB-0011, OMB-012P

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

Use of the substance/mixture:

coating for glass, Glass Treatment.

Restricted to professional users.

1.3 Details of the supplier of the safety data sheet

Manufacturer/Supplier:

ProGlass GmbH

Michael-Becker-Str. 2

73235 Weilheim an der Teck

GERMANY

Telephone: +49 7023 90013-0

Telefax: +49 7023 90013-23

E-mail: info@proglass.de

Website: www.proglass.de

E-mail (competent person): info@proglass.de

1.4 Emergency phone number

24h: +49 551 19240

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]:

Hazard classes and hazard categories	Hazard statements	Classification procedure
Aspiration hazard (<i>Asp. Tox. 1</i>)	H304: May be fatal if swallowed and enters airways.	Calculation
Hazardous to the aquatic environment (<i>Aquatic Chronic 2</i>)	H411: Toxic to aquatic life with long lasting effects.	Calculation

2.2 Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms:



GHS08

Health hazard



GHS09

Environment

Signal word: Danger

Hazard components for labelling:

Distillates (petroleum), hydrotreated light

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Hazard statements for health hazards

H304 May be fatal if swallowed and enters airways.

Hazard statements for environmental hazards

H411 Toxic to aquatic life with long lasting effects.

Supplemental hazard information (EU)

EUH066 Repeated exposure may cause skin dryness or cracking.

Precautionary statements - Prevention

P260 Do not breathe dust/fume/gas/mist/vapours/spray.

P273 Avoid release to the environment.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P285 In case of inadequate ventilation wear respiratory protection.

Precautionary statements - Response

P301+P310 IF SWALLOWED: Immediately call a doctor.

2.3 Other hazards

Adverse human health effects and symptoms:

May cause skin irritation. May cause eye irritation.



Adverse environmental effects:

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

SECTION 3: Composition / information on ingredients

3.2 Mixtures

Ingredients:

Product identifiers	Substance name Classification according to Regulation (EC) No. 1272/2008 [CLP]	Content
CAS No.: 64742-47-8 EC No.: 265-149-8	Distillates (petroleum), hydrotreated light Asp. Tox. 1, Aqua. Chronic 2   Danger H304-H411-EUH066	> 75 Wt %

Full text of H- and EUH-phrases: see section 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

General information:

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible). Remove victim out of the danger area. Immediately remove any contaminated clothing, shoes or stockings. If unconscious place in recovery position and seek medical advice. Do not leave affected person unattended.

Following inhalation:

Provide fresh air. In case of respiratory tract irritation, consult a physician.

In case of skin contact:

Gently wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention.

After eye contact:

Rinse cautiously with water for several minutes. If eye irritation persists: Get medical advice/attention.

After ingestion:

Rinse mouth. Do NOT induce vomiting. Observe risk of aspiration if vomiting occurs. Get immediate medical advice/attention.

4.2 Most important symptoms and effects, both acute and delayed

May be fatal if swallowed and enters airways. May cause eye irritation. May cause skin irritation.

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

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SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media:

Water spray jet, alcohol resistant foam, Extinguishing powder, carbon dioxide (CO₂), Sand, Extinguishing blanket

5.2 Special hazards arising from the substance or mixture

Hazardous combustion products:

In case of fire may be liberated: Gases/vapours, toxic

5.3 Advice for firefighters

Wear a self-contained breathing apparatus and chemical protective clothing.

5.4 Additional information

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

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

6.1.1 For non-emergency personnel

Personal precautions:

Avoid breathing dust/fume/gas/mist/vapours/spray. Avoid contact with eyes and skin. Special danger of slipping by leaking/spilling product. Remove persons to safety.

Protective equipment:

Wear protective gloves/protective clothing/eye protection/face protection.

6.1.2 For emergency responders

Personal protection equipment:

Personal protection equipment: see section 8

6.2 Environmental precautions

Do not allow to enter into surface water or drains.

Do not allow to enter into soil/subsoil.

6.3 Methods and material for containment and cleaning up

For containment:

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents).

For cleaning up:

Water (with cleaning agent)

6.4 Reference to other sections

Safe handling: see section 7.

Personal protection equipment: see section 8.

Disposal: see section 13.

6.5 Additional information

Use appropriate container to avoid environmental contamination.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Protective measures

Advices on safe handling:

Avoid breathing dust/fume/gas/mist/vapours/spray. Avoid contact with eyes and skin. Wear personal protection equipment (refer to section 8).

Fire prevent measures:

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Take precautionary measures against static discharge.

Measures to prevent aerosol and dust generation:

Use suitable spraying system to avoid atomised spray.

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Environmental precautions:

Discharge into the environment must be avoided.

Advices on general occupational hygiene

When using do not eat, drink or smoke. Wash hands and face before breaks and after work and take a shower if necessary. Apply skin care products after work.

7.2 Conditions for safe storage, including any incompatibilities

Technical measures and storage conditions:

Keep container tightly closed in a cool, well-ventilated place.

Conditions to avoid: UV-radiation/sunlight, Heat

Requirements for storage rooms and vessels:

Floors should be impervious, resistant to liquids and easy to clean. Keep/Store only in original container.

Hints on storage assembly:

Keep away from food, drink and animal feedingstuffs.

7.3 Specific end use(s)

Recommendation:

coating for glass, Glass Treatment.

Giscode:

TM15

SECTION 8: Exposure controls / Personal protection

8.1 Control parameters

8.1.1 Occupational exposure limit values

Limit value type (country)	Substance name	① Long-term occupational exposure limit value ② Short-term occupational exposure limit value ③ Instantaneous value ④ Monitoring and observation processes ⑤ Remark
WEL (GB)	Distillates (petroleum), hydro treated light CAS No.: 64742-47-8	① 1,200 mg/m ³ ⑤ (> or ≈ C7, Normal and branched chain alkanes)
WEL (GB)	Distillates (petroleum), hydro treated light CAS No.: 64742-47-8	① 800 mg/m ³ ⑤ (> or ≈ C7, Cycloalkanes)
WEL (GB)	C5-C8 Aliphatics	① 800 mg/m ³ ⑤ (> or ≈ C7, Cycloalkanes)
WEL (GB)	C5-C8 Aliphatics	① 1,200 mg/m ³ ⑤ (> or ≈ C7, Normal and branched chain alkanes)
WEL (GB)	C9-C15 Aliphatics	① 1,200 mg/m ³ ⑤ (> or ≈ C7, Normal and branched chain alkanes)
WEL (GB)	C9-C15 Aliphatics	① 800 mg/m ³ ⑤ (> or ≈ C7, Cycloalkanes)

8.1.2 Biological limit values

No data available.

8.1.3 DNEL-/PNEC-values

No data available.

8.2 Exposure controls

8.2.1 Appropriate engineering controls

Technical measures and the application of suitable work processes have priority over personal protection equipment. Generation/formation of aerosols: Devices with local exhaust / Technical ventilation of workplace

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8.2.2 Personal protection equipment



Eye/face protection:

Eye glasses with side protection (EN 166).

Skin protection:

Wear suitable gloves (EN 374).

Suitable material: FKM (fluoro rubber)

Material thickness: $\geq 0,35\text{mm}$

Breakthrough time (maximum wearing time): not determined

The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves. Check leak tightness/impermeability prior to use. In the case of wanting to use the gloves again, clean them before taking off and air them well.

Respiratory protection:

Wear breathing apparatus if exposed to vapours/dusts/aerosols. Filtering device (full mask or mouthpiece) with filter: A1P2

Other protection measures:

Wear suitable protective clothing.

8.2.3 Environmental exposure controls

No data available.

8.3 Additional information

No data available.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state: liquid

Colour: colourless

Odour: like Hydrocarbons

Safety relevant basic data

Parameter		at	Method	Remark
pH	not applicable			
Melting point	not determined			
Freezing point	not determined			
Initial boiling point and boiling range	not determined			
Decomposition temperature	not determined			
Flash point	$> 70\text{ }^{\circ}\text{C}$			
Evaporation rate	not determined			
Ignition temperature	not determined			
Upper/lower flammability or explosive limits	not determined			
Vapour pressure	not determined			
Vapour density	not determined			
Relative density	0.791 g/cm^3	$15.6\text{ }^{\circ}\text{C}$		
Bulk density	not applicable			
Water solubility	insoluble			
Partition coefficient: n-octanol/water	not determined			
Dynamic viscosity	not determined			
Kinematic viscosity	$< 20.5\text{ mm}^2/\text{s}$	$40\text{ }^{\circ}\text{C}$		

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9.2 Other information

No data available.

SECTION 10: Stability and reactivity

10.1 Reactivity

See section 10.3

10.2 Chemical stability

The product is chemically stable under recommended conditions of storage, use and temperature.

10.3 Possibility of hazardous reactions

No hazardous reaction when handled and stored according to provisions.

10.4 Conditions to avoid

UV-radiation/sunlight. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources.

10.5 Incompatible materials

Oxidising agent, strong; Acid, concentrated; Alkali (lye), concentrated

10.6 Hazardous decomposition products

In case of fire may be liberated: Gases/vapours, toxic

Further information

No data available.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute oral toxicity:

Based on available data, the classification criteria are not met.

Acute dermal toxicity:

Based on available data, the classification criteria are not met.

Acute inhalation toxicity:

Based on available data, the classification criteria are not met.

Skin corrosion/irritation:

Based on available data, the classification criteria are not met.

May cause skin irritation. Repeated exposure may cause skin dryness or cracking. Prolonged or repeated skin contact may cause removal of natural fat from the skin resulting in dermatitis (skin inflammation).

Serious eye damage/irritation:

Based on available data, the classification criteria are not met.

Slightly irritant but not relevant for classification.

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:

May be fatal if swallowed and enters airways.

Additional information:

No data available.

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SECTION 12: Ecological information

12.1 Toxicity

Assessment/classification:

Toxic to aquatic life with long lasting effects.

12.2 Persistence and degradability

Biodegradation:

Not readily biodegradable (according to OECD criteria)

12.3 Bioaccumulative potential

Accumulation / Evaluation:

No indication of bioaccumulation potential.

12.4 Mobility in soil

No data available.

12.5 Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

12.6 Other adverse effects

No data available.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Waste treatment options

Appropriate disposal / Product:

Dispose of waste according to applicable legislation. Consult the appropriate local waste disposal expert about waste disposal.

Appropriate disposal / Package:

Dispose of waste according to applicable legislation. Completely emptied packages can be recycled.





Other disposal recommendations:

The allocation of waste code numbers / waste names must be carried out in accordance with the European Waste Catalogue (EWC). Collect in closed and suitable containers for disposal. Do not allow to enter into surface water or drains.

13.2 Additional information

Waste for disposal is to be classified and labelled.

SECTION 14: Transport information

Land transport (ADR / RID)	Inland waterway craft (ADN)	Sea transport (IMDG)	Air transport (ICAO- TI / IATA-DGR)
14.1 UN-No.			
3082	3082	3082	3082
14.2 UN proper shipping name			
ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Naph- tha (petroleum), hydrotreated lig- ht)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Naph- tha (petroleum), hydrotreated lig- ht)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Naph- tha (petroleum), hydrotreated lig- ht)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Naph- tha (petroleum), hydrotreated lig- ht)
14.3 Transport hazard class(es)			
 9	 9	 9	 9
14.4 Packing group			
III	III	III	III

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Land transport (ADR / RID)	Inland waterway craft (ADN)	Sea transport (IMDG)	Air transport (ICAO- TI / IATA-DGR)
14.5 Environmental hazards			
		 MARINE POLLUTANT	
14.6 Special precautions for user			
Limited Quantity (LQ): Hazard identification number (KemlerNo.): 90 Classification code: -	Limited Quantity (LQ): Classification code: -	Limited Quantity (LQ): EmS-No.: not determined	Limited Quantity (LQ):

14.7 Transport in bulk according to Annex II of MARPOL and the IBC Code

not relevant

Additional information:

Transport as "Limited Quantity" according to chapter 3.4 ADR/RID

Transport as "Excepted Quantity" according to chapter 3.5 ADR/RID

SECTION 15: Regulatory information

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

15.1.1 EU legislation

Other EU regulations:

Directive 98/24/EC of 7 April 1998 on the protection of the health and safety of workers from the risks related to chemical agents at work Observe restrictions to employment for juvenils according to the 'juvenile work protection guideline' (94/33/EC).

15.1.2 National regulations

No data available.

15.2 Chemical Safety Assessment

No data available.

15.3 Additional information

No data available.

SECTION 16: Other information

16.1 Indication of changes

Changes executed in version 2:

Section 2, 3, 11, 14: classification/Label elements

General revision

16.2 Abbreviations and acronyms

See overview table at www.euphrac.eu

16.3 Key literature references and sources for data

European Chemicals Agency (ECHA): <http://www.echa.europa.eu>

ECHA, C&L Inventory: <http://echa.europa.eu/information-on-chemicals/cl-inventory-database>

ECHA, Registered substances: <http://echa.europa.eu/information-on-chemicals/registered-substances>

GESTIS (Gefahrstoffinformationssystem der DGUV): <http://www.dguv.de/ifa/GESTIS/index.jsp>

Hörsch Gefährliche Stoffe und Gemische, 8. Auflage, Dr. Angela Schulz

Safety data sheets of the manufacturers

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16.4 Classification for mixtures and used evaluation method according to regulation (EC) No. 1272/2008 [CLP]

Classification according to Regulation (EC) No. 1272/2008 [CLP]:

Hazard classes and hazard categories	Hazard statements	Classification procedure
Aspiration hazard (<i>Asp. Tox. 1</i>)	H304: May be fatal if swallowed and enters airways.	Calculation
Hazardous to the aquatic environment (<i>Aquatic Chronic 2</i>)	H411: Toxic to aquatic life with long lasting effects.	Calculation

16.5 Relevant H- and EUH-phrases

Hazard statements	
H304	May be fatal if swallowed and enters airways.
H411	Toxic to aquatic life with long lasting effects.

16.6 Training advice

No data available.

16.7 Additional information

The information in this safety data sheet has been established to our best knowledge and was up-to-date at time of revision. The information is intended to give you advice about the safe handling of the product for storage, processing, transport and disposal. It does not represent a guarantee for the properties of the product described in terms of the legal warranty regulations.