

Safety Data Sheet
acc. to OSHA HCS

Printing date 08/01/2016

Reviewed on 07/25/2016

1 Identification

- **Product identifier**
- **Trade name:** Underwater Magic / Underwater Magic adhesive and sealant
- **Article number:** UWM -001 - 009
- **Application of the substance / the mixture**
Sealant
- **Details of the supplier of the safety data sheet**
Manufacturer/Supplier:
Profi-Glue Limited
P.O. Box 63020
Geroskipou / Pafos
8210 Cyprus
Phone: +357 96686805 GMT+2
Email: info@profi-glue.com
Internet: www.underwatermagic.eu

Produced by K.S. Germany
- **Information department:**
Product safety department.
tech@profi-glue.com
- **Emergency telephone number:**
Phone: CHEMTREC: 800-424-9300 / Profi-Glue: +35799232137

2 Hazard(s) identification

- **Classification of the substance or mixture**



Skin Sens. 1 H317 May cause an allergic skin reaction.

- **Label elements**

· **GHS label elements** The product is classified and labeled according to the Globally Harmonized System (GHS).

- **Hazard pictograms**



GHS07

- **Signal word** Warning

- **Hazard-determining components of labeling:**

Reaction mass of Bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate and Methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate

N-(3-(trimethoxysilyl)propyl)ethylenediamine

N-[3-(dimethoxymethylsilyl)propyl]ethylenediamine

dioctyltinbis(acetylacetonate)

- **Hazard statements**

May cause an allergic skin reaction.

- **Precautionary statements**

Avoid breathing dust/fume/gas/mist/vapors/spray

Wear protective gloves.

(Contd. on page 2)

Safety Data Sheet
acc. to OSHA HCS

Printing date 08/01/2016

Reviewed on 07/25/2016

Trade name: Underwater Magic / Underwater Magic adhesive and sealant

(Contd. of page 1)

Contaminated work clothing must not be allowed out of the workplace.
Specific treatment (see on this label).
Wash contaminated clothing before reuse.
If skin irritation or rash occurs: Get medical advice/attention.
IF ON SKIN: Wash with plenty of water.
Dispose of contents/container in accordance with local/regional/national/international regulations.

· **Classification system:**

· **NFPA ratings (scale 0 - 4)**



Health = 0
Fire = 1
Reactivity = 0

· **HMIS-ratings (scale 0 - 4)**



Health = 0
Fire = 1
Reactivity = 0

· **Other hazards**

· **Results of PBT and vPvB assessment**

- **PBT:** Not applicable.
- **vPvB:** Not applicable.

3 Composition/information on ingredients

· **Chemical characterization: Mixtures**

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

· **Dangerous components:**

CAS: 2768-02-7 Reg.nr.: 01-2119513215-52-xxxx	trimethoxyvinylsilane ⚠ Flam. Liq. 3, H226; ⚠ Acute Tox. 4, H332	1-<5%
Reg.nr.: 01-2119545465-35-xxxx	Polyamide wax Aquatic Acute 3, H402	1-<5%
CAS: 1760-24-3 Reg.nr.: 01-2119970215-39-xxxx	N-(3-(trimethoxysilyl)propyl)ethylenediamine ⚠ Eye Dam. 1, H318; ⚠ Aquatic Chronic 2, H411; ⚠ Acute Tox. 4, H332; Skin Sens. 1, H317; Aquatic Acute 2, H401	<1,0%
CAS: 54068-28-9 Reg.nr.: 01-0000020199-67-xxxx	dioctyltinbis(acetylacetonate) ⚠ STOT SE 2, H371; ⚠ Skin Sens. 1, H317	<1,0%
CAS: 3069-29-2 Reg.nr.: 01-2119963926-21-xxxx	N-[3-(dimethoxymethylsilyl)propyl]ethylenediamine ⚠ Eye Dam. 1, H318; ⚠ Skin Sens. 1, H317; Flam. Liq. 4, H227	<1,0%

4 First-aid measures

· **Description of first aid measures**

· **After inhalation:**

Supply fresh air and to be sure call for a doctor.

In case of unconsciousness place patient stably in side position for transportation.

· **After skin contact:** Immediately wash with water and soap and rinse thoroughly.

· **After eye contact:** Rinse opened eye for several minutes under running water.

· **After swallowing:** If symptoms persist consult doctor.

(Contd. on page 3)

Safety Data Sheet
acc. to OSHA HCS

Printing date 08/01/2016

Reviewed on 07/25/2016

Trade name: Underwater Magic / Underwater Magic adhesive and sealant

(Contd. of page 2)

- **Information for doctor:**
- **Most important symptoms and effects, both acute and delayed** No further relevant information available.
- **Indication of any immediate medical attention and special treatment needed**
No further relevant information available.

5 Fire-fighting measures

- **Extinguishing media**
- **Suitable extinguishing agents:** Use fire fighting measures that suit the environment.
- **Special hazards arising from the substance or mixture** No further relevant information available.
- **Advice for firefighters**
- **Protective equipment:** Mouth respiratory protective device.

* 6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures** Ensure adequate ventilation
- **Environmental precautions:** Do not allow to enter sewers/ surface or ground water.
- **Methods and material for containment and cleaning up:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Dispose contaminated material as waste according to item 13.
Pick up mechanically.
Ensure adequate ventilation.
- **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

- **Handling:**
- **Precautions for safe handling**
Ensure good ventilation/exhaustion at the workplace.
Prevent formation of aerosols.
Use only in well ventilated areas.
- **Information about protection against explosions and fires:** No special measures required.
- **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.
- **Specific end use(s)** No further relevant information available.

* 8 Exposure controls/personal protection

- **Additional information about design of technical systems:** No further data; see item 7.

(Contd. on page 4)

Safety Data Sheet
acc. to OSHA HCS

Printing date 08/01/2016

Reviewed on 07/25/2016

Trade name: Underwater Magic / Underwater Magic adhesive and sealant

(Contd. of page 3)

- **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.
- **Breathing equipment:**
In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use respiratory protective device that is independent of circulating air.
Use suitable respiratory protective device in case of insufficient ventilation.
- **Protection of hands:**



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

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

- **Material of gloves**
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**
The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
- **Eye protection:** Goggles recommended during refilling.

9 Physical and chemical properties

· **Information on basic physical and chemical properties**

· **General Information**

· **Appearance:**

Form:	Pasty
Color:	Various colors
· Odor:	Characteristic
· Odor threshold:	Not determined.

· **pH-value:** Undetermined.

· **Change in condition**

Melting point/Melting range:	Undetermined.
Boiling point/Boiling range:	> 34 °C (> 93 °F)

· **Flash point:** > 100 °C (> 212 °F)

(Contd. on page 5)

Safety Data Sheet
acc. to OSHA HCS

Printing date 08/01/2016

Reviewed on 07/25/2016

Trade name: Underwater Magic / Underwater Magic adhesive and sealant

(Contd. of page 4)

· Flammability (solid, gaseous):	Not applicable.
· Ignition temperature:	420 °C (788 °F)
· Decomposition temperature:	Not determined.
· Auto igniting:	Product is not selfigniting.
· Danger of explosion:	Product does not present an explosion hazard.
· Explosion limits:	
Lower:	0.1 Vol % Undetermined.
Upper:	0.2 Vol % Undetermined.
· Vapor pressure:	Undetermined.
· Density at 20 °C (68 °F):	1.58 g/cm ³ (13.185 lbs/gal)
· Relative density	Not determined.
· Vapor density	Not determined.
· Evaporation rate	Not determined.
· Solubility in / Miscibility with Water:	Not miscible or difficult to mix.
· Partition coefficient (n-octanol/water):	Not determined.
· Viscosity:	
Dynamic:	Not determined.
Kinematic:	Not determined.
· Solvent content:	
VOC content:	2.4 % 37.9 g/l / 0.32 lb/gl
· Other information	No further relevant information available.

10 Stability and reactivity

- **Reactivity** No further relevant information available.
- **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** No further relevant information available.
- **Incompatible materials:** No further relevant information available.
- **Hazardous decomposition products:** No dangerous decomposition products known.

11 Toxicological information

- **Information on toxicological effects**
- **Acute toxicity:**
- **Primary irritant effect:**
- **on the skin:** No irritant effect.

(Contd. on page 6)

Safety Data Sheet
acc. to OSHA HCS

Printing date 08/01/2016

Reviewed on 07/25/2016

Trade name: Underwater Magic / Underwater Magic adhesive and sealant

(Contd. of page 5)

- **on the eye:** No irritating effect.
- **Sensitization:** Sensitization possible through skin contact.
- **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)	
13463-67-7 titanium dioxide	2B
· NTP (National Toxicology Program)	
None of the ingredients is listed.	
· OSHA-Ca (Occupational Safety & Health Administration)	
None of the ingredients is listed.	

12 Ecological information

- **Toxicity**
- **Aquatic toxicity:** No further relevant information available.
- **Persistence and degradability** No further relevant information available.
- **Behavior in environmental systems:**
- **Bioaccumulative potential** No further relevant information available.
- **Mobility in soil** No further relevant information available.
- **Additional ecological information:**
- **General notes:**
 Water hazard class 1 (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.
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **Other adverse effects** No further relevant information available.

13 Disposal considerations

- **Waste treatment methods**
- **Recommendation:**
 Must not be disposed of together with household garbage. Do not allow product to reach sewage system.
- **Uncleaned packagings:**
- **Recommendation:** Disposal must be made according to official regulations.

14 Transport information

· UN-Number	
· DOT, ADR, ADN, IMDG, IATA	Void
· UN proper shipping name	
· DOT, ADR, ADN, IMDG, IATA	Void

(Contd. on page 7)

Safety Data Sheet
acc. to OSHA HCS

Printing date 08/01/2016

Reviewed on 07/25/2016

Trade name: Underwater Magic / Underwater Magic adhesive and sealant

(Contd. of page 6)

· Transport hazard class(es)	
· DOT, ADR, ADN, IMDG, IATA	
· Class	Void
· Packing group	
· DOT, ADR, IMDG, IATA	Void
· Environmental hazards:	Not applicable.
· Special precautions for user	Not applicable.
· Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	Not applicable.
· UN "Model Regulation":	Void

15 Regulatory information

· **Safety, health and environmental regulations/legislation specific for the substance or mixture**
· **Sara**

· Section 355 (extremely hazardous substances):
None of the ingredients is listed.

· Section 313 (Specific toxic chemical listings):
67-56-1 methanol

· TSCA (Toxic Substances Control Act):
471-34-1 calcium carbonate
151865-59-7 silyl terminated polyether
28553-12-0 di-"isononyl" phthalate
13463-67-7 titanium dioxide
2768-02-7 trimethoxyvinylsilane
1760-24-3 N-(3-(trimethoxysilyl)propyl)ethylenediamine
3069-29-2 N-[3-(dimethoxymethylsilyl)propyl]ethylenediamine
67-56-1 methanol
681-84-5 tetramethyl orthosilicate

· **Proposition 65**

· Chemicals known to cause cancer:
28553-12-0 di-"isononyl" phthalate
13463-67-7 titanium dioxide

· Chemicals known to cause reproductive toxicity for females:
None of the ingredients is listed.

· Chemicals known to cause reproductive toxicity for males:
None of the ingredients is listed.

· Chemicals known to cause developmental toxicity:
67-56-1 methanol

(Contd. on page 8)

Safety Data Sheet
acc. to OSHA HCS

Printing date 08/01/2016

Reviewed on 07/25/2016

Trade name: Underwater Magic / Underwater Magic adhesive and sealant

(Contd. of page 7)

· **Cancerogenity categories**

· EPA (Environmental Protection Agency)	
None of the ingredients is listed.	

· TLV (Threshold Limit Value established by ACGIH)		
13463-67-7	titanium dioxide	A4

· NIOSH-Ca (National Institute for Occupational Safety and Health)	
13463-67-7	titanium dioxide

· **GHS label elements** The product is classified and labeled according to the Globally Harmonized System (GHS).

· **Hazard pictograms**



GHS07

· **Signal word** Warning

· **Hazard-determining components of labeling:**

Reaction mass of Bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate and Methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate

N-(3-(trimethoxysilyl)propyl)ethylenediamine

N-[3-(dimethoxymethylsilyl)propyl]ethylenediamine

dioctyltinbis(acetylacetonate)

· **Hazard statements**

May cause an allergic skin reaction.

· **Precautionary statements**

Avoid breathing dust/fume/gas/mist/vapors/spray

Wear protective gloves.

Contaminated work clothing must not be allowed out of the workplace.

Specific treatment (see on this label).

Wash contaminated clothing before reuse.

If skin irritation or rash occurs: Get medical advice/attention.

IF ON SKIN: Wash with plenty of water.

Dispose of contents/container in accordance with local/regional/national/international regulations.

· **National regulations:**

· **Other regulations, limitations and prohibitive regulations -**

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

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.

· **Department issuing SDS:** Product safety department K.S. Germany

· **Contact:** tech@profi-glue.com

· **Date of preparation / last revision** 07/25/2016 / 35

· **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

(Contd. on page 9)

Safety Data Sheet
acc. to OSHA HCS

Printing date 08/01/2016

Reviewed on 07/25/2016

Trade name: Underwater Magic / Underwater Magic adhesive and sealant

(Contd. of page 8)

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)
NFPA: National Fire Protection Association (USA)
HMIS: Hazardous Materials Identification System (USA)
VOC: Volatile Organic Compounds (USA, EU)
PBT: Persistent, Bioaccumulative and Toxic
vPvB: very Persistent and very Bioaccumulative
NIOSH: National Institute for Occupational Safety
OSHA: Occupational Safety & Health
TLV: Threshold Limit Value
PEL: Permissible Exposure Limit
REL: Recommended Exposure Limit
Flam. Liq. 3: Flammable liquids, Hazard Category 3
Flam. Liq. 4: Flammable liquids, Hazard Category 4
Acute Tox. 4: Acute toxicity, Hazard Category 4
Eye Dam. 1: Serious eye damage/eye irritation, Hazard Category 1
Skin Sens. 1: Sensitisation - Skin, Hazard Category 1
STOT SE 2: Specific target organ toxicity - Single exposure, Hazard Category 2
Aquatic Acute 2: Hazardous to the aquatic environment - AcuteHazard, Category 2
Aquatic Acute 3: Hazardous to the aquatic environment - AcuteHazard, Category 3
Aquatic Chronic 2: Hazardous to the aquatic environment - Chronic Hazard, Category 2

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