

Safety Data Sheet 1907/2006/EC - REACH (GB)



Underwater Magic Mosaic

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1. MATERIAL-/MIXTURE AND COMPANY NAME

1.1 Name of the Material / Mixture

Trade name: Underwater Magic Mosaic

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

1.2.1 Purpose of the Material / Mixture

Adhesive

1.2.2 Uses advised against

None known

1.3. Details of the supplier of the safety data sheet

Company Name

Profi_Glue LTD
P.O. Box 63020
Yeroskipou
8210, Cyprus

Address enquiries to

Technical information tech@profi-glue.com
Safety Data Sheet tech@profi-glue.com

1.4. Emergency Number

Profi-Glue Ltd. (Frank Seidelmeier) +357 99 23 21 37 GMT+2

2. HAZARDS IDENTIFICATION

2.1. Chemical Characterization (Mixture)

Mixture of substances listed below with nonhazardous additions

2.1.2 Classification according to Regulation 67/548/EEC or 1999/45/EC

No classification.

2.2 Label elements

Labelling according to Regulation 67/548/EEC or 1999/45/EC

The product is required to be labelled in accordance with EC-Directives.

Hazard symbols: none

R-phrases: none

Special labelling Safety data sheet available for professional user on request.

Contains: N-[3-(Dimethoxymethylsilyl)propyl]ethylenediamine, Bis(1,2,2,6,6-pentamethyl-4-piperidyl)sebacate, Dioctylbis(pentane-2,4-dionato-O,O')tin, N-(3-(trimethoxysilyl)propyl)ethylenediamine. May produce an allergic reaction.

2.3 Other hazards

Other hazards Further hazards were not determined with the current level of knowledge.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Product-type:

Mixture.

Range [%]

1 - <5

Substance

Trimethoxyvinylsilane CAS: 2768-02-7, EINECS/ELINCS: 220-449-8
GHS/CLP: Flam. Liq. 3: H226 - Acute Tox. 4: H332 EEC: Xn, R 10-20

1 - <5

Amide wax CAS: 123-26-2, EINECS/ELINCS: 907-495-0, ECB-Nr.: 01-2119545465-35-XXX
GHS/CLP: Aquatic Chronic 3: H412 EEC: R 52

Comment on component parts: Substances of Very High Concern - SVHC: substances are not contained or are below 0,1%. For full text of H-statements and R-phrases: see SECTION 16.

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4. FIRST AID

4.1 Description of first aid measures

General information

Change soaked clothing.

Inhalation

Evacuate Person into fresh Air and based on the symptoms consult a Physician

Eye contact

Rinse with plenty of water for several minutes, consult direct a physicians, take product and data sheet.

Skin contact

In case of contact with skin wash off immediately with soap and water. Consult a doctor if skin irritation persists.

Swallowing

Consult direct a physicians, take product and data sheet.

Do not induce vomiting.

Rinse out mouth and give plenty of water to drink.

Special First Aid equipment

n.a.

4.2 Most important symptoms and effects, both acute and delayed

No information available.

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically. Forward this sheet to the doctor.

5. FIRE FIGHTING PROCEDURES

5.1 Suitable Fire fighting Agents

Water mist, Foam, Powder, Carbon dioxide, Sand

For safety reasons unsuitable Fire fighting Agents

Full water jet.

5.2 Special hazardous from the Material or Mixture, it's combustion products or resulting gases.

In case of fire there is a possibility for:

Carbon oxides / Harmful gases / Unknown risk of formation of toxic pyrolysis products.

5.3 Special equipment for fire fighting.

Use a Self contained breathing apparatus / Based on the size of the fire you need full protective gear.

Fire residues and contaminated fire fighting water must be disposed of in accordance within the local regulations.

6. Accidental release measures

6.1 Personal precautions

Use personal protective clothing.

Ventilate the area

Avoid eye and skin contact.

6.2 Environmental protection measures

Do not release into the sewerage system.

Avoid penetration into the water system or into the ground.

6.3 Cleaning procedures

Mechanical collection with absorbent material (e.g. sand, sawdust, universal absorbent, diatomaceous earth). and dispose of absorbed material in accordance within the local regulations.

7. HANDLING AND STORAGE

7.1 Handling

Advices for safe handling look up point 6.1.

Proper Ventilation.

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Follow common practice for Hygiene when handling chemicals.

Follow Instructions on the package and technical data sheet.

Use barrier skin cream.

Do not eat, drink or smoke when using this product.

Information on fire prevention

Follow the common procedures on fire prevention.

7.2. Conditions for safe storage

Requirements for Storage

Prevent penetration into the ground.

Do not store together with oxidizing agents.

Protect from heat/overheating.

Protect from sun.

Keep in a well-ventilated place.

Special Requirements for Storage

Store in a cold dry place with good ventilation.

Specific end use(s)

See product use, SECTION 1.2

8. EXPOSURE CONTROL AND PERSONAL SAFETY EQUIPMENT

8.1 Control parameters

Ingredients with occupational exposure limits to be monitored (GB)

Range [%]

40 - <60

Substance

Calcium carbonate CAS: 471-34-1, EINECS/ELINCS: 207-439-9

Long-term exposure: 10 mg/m³, inhalable dust

8.2 Exposure controls

Additional advice on system design Ensure adequate ventilation on workstation.

Eye protection

Safety glasses.

Hand protection

The details concerned are recommendations. Please contact the glove supplier for further information.

In full contact: Butyl rubber, >120 min (EN 374).

Skin protection: not applicable

Other: Avoid contact with eyes and skin.

Personal protective equipment should be selected specifically for the working place, depending on concentration and quantity of the hazardous substances handled. The resistance of these equipment to chemicals should be ascertained with the respective supplier.

Respiratory protection: Breathing apparatus in the event of high concentrations.

Thermal hazards: not applicable

Delimitation and monitoring of the environmental exposition: See SECTION 6 +7

Control and monitoring of the exposure into the environment: Do not expose into the water system or ground.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state:

pastures

Colour:

various see product designation

Odour:

characteristic

Odour threshold:

not applicable

pH-value:

not applicable

pH-value:

[1%] not applicable

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Boiling point [°C]:	270
Flash point [°C]:	227
Flammability [°C]:	not determined
Lower explosion limit:	not applicable
Upper explosion limit not:	applicable
Oxidizing properties:	no
Vapour pressure/gas pressure [kPa]:	not determined
Density [g/ml]:	1,542
Bulk density [kg/m ³]	not applicable
Solubility in water / Miscibility with water:	Not miscible or difficult to mix
Partition coefficient [n-octanol/water]:	not determined
Viscosity not applicable	
Relative vapour density determined in air:	not determined
Evaporation speed:	not determined
Melting point [°C]:	not determined
Auto ignition temperature [°C]:	not determined
Decomposition temperature [°C]:	not applicable

9.2 Other information

No information available.

10. STABILITY AND REACTIVITY

10.1 Reactivity

No dangerous reactions known if used as directed.

10.2 Chemical stability

Stable under normal ambient conditions (ambient temperature).

10.3 Possibility of hazardous reactions

No hazardous reactions known.

10.4 Conditions to avoid

See SECTION 7.2. / Strong heating.

10.5 Incompatible materials

No information available.

10.6 Hazardous decomposition products

No hazardous decomposition products known.

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity

Range [%]	Substance	
1 - <5	Amide wax	
	LD50, dermal, Rat:	> 2000 mg/kg (OECD 402).
	LD50, oral,	> 2000 mg/kg (OECD 423).
	LC50, inhalative, Rat:	5110 mg/m ³ /4h (OECD 403).
1 - <5	Trimethoxyvinylsilane, CAS: 2768-02-7	
	LD50, inhalative, Rat:	16,8 mg/l (4 h) (OECD TG 403).
	LD50, dermal, Rabbit:	3540 mg/kg (RTECS).
	LD50, oral, Rat:	7120 mg/kg (OECD TG 401).
	NOAEL, inhalative, Rat:	0,058 mg/l (98 d).
	NOAEL, oral, Rat:	< 62,5 mg/kg (28 d) (OECD TG 422).

Serious eye damage/irritation:

not determined

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Skin corrosion/irritation: not determined

Respiratory or skin sensitization: not determined

Specific target organ toxicity single exposure: not determined

Specific target organ toxicity repeated exposure: not determined

Mutagenicity: not determined

Reproduction toxicity: not determined

Carcinogenicity : not determined

General remarks

Toxicological data of complete product are not available.

No classification on the basis of the calculation procedure of the preparation directive.

12. Ecological Information

12.1 Toxicity

Range [%]

1 - <5

Substance

Amide wax

LC50, (96h), fish: > 100 mg/l (OECD 203).
EC50, (48h), Daphnia magna: 94,9 mg/l (OECD 202).
EC50, (72h), Algae: 43,2 mg/l (OECD 201).
NOEC, (72h), Algae: 37 mg/l (OECD 201).
NOAEL, (48h), Daphnia magna: 45 mg/l (OECD 202).

1 - <5

Trimethoxyvinylsilane, CAS: 2768-02-7

LC50, (96h), Oncorhynchus mykiss: 191 mg/l.
EC50, (48h), Daphnia magna: 168,7 mg/l (92/69/EWG C.2).
EC50, Pseudokirchneriella subcapitata: 210 mg/l (7 d) (US-EPA).
EC10, Pseudomonas putida: 1000 mg/l (5 h).

12.2 Persistence and degradability

Behaviour in environment compartments: not determined

Behaviour in sewage plant: not applicable

Biological degradability: not applicable

12.3 Bioaccumulative potential

No information available.

12.4 Mobility in soil

No information available.

12.5 Results of PBT and vPvB assessment

PBT/vPvB assessment not available as chemical safety assessment not required or not conducted.

12.6 Other adverse effects

The product is insoluble in water.

Ecological data of complete product are not available.

No classification on the basis of the calculation procedure of the preparation directive.

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Waste material must be disposed of in accordance with the Directive on waste 2008/98/EC as well as other national and local regulations. It is not possible to determine a waste code for this product in accordance with the European Waste Catalogue (EWC) since it is only possible to classify it according to how it is used by the customer. The waste code is to be determined within the EU in liaison with the waste-disposal operator.

Product

For recycling, consult manufacturer.

Waste no. (recommended) 080410

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Contaminated packaging

Packaging that cannot be cleaned should be disposed of as for product.

Uncontaminated packaging may be taken for recycling.

Waste no. (recommended) 150102

150104

14. TRANSPORT INFORMATION

14.1 UN proper shipping name

See SECTION 14.2 in accordance with UN shipping name

14.2 UN proper shipping name

Transport by land according to ADR/RID	NO DANGEROUS GOODS
Inland navigation (ADN)	NO DANGEROUS GOODS
Marine transport in accordance with IMDG	NOT CLASSIFIED AS "DANGEROUS GOODS"
Air transport in accordance with IATA	NOT CLASSIFIED AS "DANGEROUS GOODS"

14.3 Transport hazard class(es)

See SECTION 14.2 in accordance with UN shipping name

14.4 Packing group

See SECTION 14.2 in accordance with UN shipping name

14.5 Environmental hazards

See SECTION 14.2 in accordance with UN shipping name

14.6 Special precautions for user

Relevant information under SECTION 6 to 8.

14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

not applicable

15. REGULATIONS

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

EEC-REGULATIONS: 1967/548 (1999/45); 1991/689 (2001/118); 1999/13; 2004/42; 648/2004; 1907/2006 (Reach); 1272/2008; 75/324/EEC (2008/47/EC); 453/2010/EC

TRANSPORT-REGULATIONS: DOT-Classification, ADR (2013); IMDG-Code (2013, 36. Amdt.); IATA-DGR (2013).

NATIONAL REGULATIONS (GB): EH40/2005 Workplace exposure limits (Second edition, published December 2011). CHIP 3/ CHIP 4

Observe employment

restrictions for people:	not applicable
VOC (1999/13/CE)	not determined

15.2 Chemical safety assessment

Chemical safety assessments for substances in this mixture were not carried out.

16. OTHER INFORMATION:

These data refer to the product as delivered.

Revised points: all

Risk Phrases:

R 10	Flammable
R 20	Harmful by inhalation

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R 52: Harmful to aquatic organisms.

16.2 Hazard statements (SECTION 3)

H332 Harmful if inhaled.
H226 Flammable liquid and vapour.
H412 Harmful to aquatic life with long lasting effects.

16.3 Abbreviations and acronyms:

ADR = Accord européen relatif au transport international des marchandises Dangereuses par Route
RID = Règlement concernant le transport international ferroviaire de marchandises dangereuses
ADN = Accord européen relatif au transport international des marchandises dangereuses par voie de navigation intérieure
CAS = Chemical Abstracts Service
CLP = Classification, Labelling and Packaging
DMEL = Derived Minimum Effect Level
DNEL = Derived No Effect Level
EC50 = Median effective concentration
ECB = European Chemicals Bureau
EEC = European Economic Community
EINECS = European Inventory of Existing Commercial Chemical Substances
ELINCS = European List of Notified Chemical Substances
GHS = Globally Harmonized System of Classification and Labelling of Chemicals
IATA = International Air Transport Association
IBC-Code = International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk
IC50 = Inhibition concentration, 50%
IMDG = International Maritime Code for Dangerous Goods
IUCLID = International Uniform Chemical Information Database
LC50 = Lethal concentration, 50%
LD50 = Median lethal dose
MARPOL = International Convention for the Prevention of Marine Pollution from Ships
PBT = Persistent, Bioaccumulative and Toxic substance
PNEC = Predicted No-Effect Concentration
REACH = Registration, Evaluation, Authorisation and Restriction of Chemicals
TLV®/TWA = Threshold limit value – time-weighted average
TLV®STEL = Threshold limit value – short-time exposure limit
VOC = Volatile Organic Compounds
vPvB = very Persistent and very Bioaccumulative

16.4 Other information

Customs Tariff not determined

The statements made here should describe the product with regard to the necessary safety precautions, they are not meant to guarantee definite characteristics and based on the present state of knowledge. Always check with local authorities regarding work safety regulations and precautions. We exclude any liability!

