

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

1.1. Product identifier

Product form : Mixture
Trade name : TERMOFLEX® PRO SOLID

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

1.2.1. Relevant identified uses

Main use category : Consumer use, Professional use
Use of the substance/mixture : It is ready for application colored paste-like thin-layer plaster, based on potassium water glass. It is designed for producing protective and decorative coverings with dragged or scratched structure on old or new mineral bases (cement, cement mortars and plasters, prefabricated concrete elements, thermo-insulation boards, gypsum plasters, gypsum boards, gypsum chipboards and others).

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Supplier

MARISAN & Kolev AD
15 Kalna Dere Str.; East Industrial Zone
7009 Ruse - Bulgaria
T +359-82-519 721
office@marisanbg.com - <http://www.marisanbg.com/en>

Manufacturer

BIOCHIM EOOD
32 TEC Iztok Str., East Industrial Zone
7009 Ruse
T + 359 82 502 205
office@biochim.bg - <http://www.biochim.bg>

1.4. Emergency telephone number

| Country | Organisation/Company | Address | Emergency number | Comment |
|----------------|--|---|---|---------|
| United Kingdom | National Poisons Information Service (Belfast Centre) Royal Victoria Hospital | Grosvenor Road BT12 6BA Belfast | 0844 892 0111 (UK only, Monday to Friday, 08.00 to 18.00 hours) | |
| United Kingdom | National Poisons Information Service (Birmingham Centre) City Hospital, Guy's & St Thomas' Hospital Trust | Dudley Road B18 7QH Birmingham | 0844 892 0111 (UK only, Monday to Friday, 08.00 to 18.00 hours) | |
| United Kingdom | National Poisons Information Service (Cardiff Centre) Gwenwyn Ward, Wolfson Unit | Penarth CF64 2XX Cardiff | 0844 892 0111 (UK only, Monday to Friday, 08.00 to 18.00 hours) | |
| United Kingdom | NPIS Edinburgh (Scottish Poisons Information Bureau) Royal Infirmary of Edinburgh, Centre Hospitalier Universitaire Bab el Oued | 51 Little France Crescent EH16 4SA Edinburgh | 0844 892 0111 (UK only, Monday to Friday, 08.00 to 18.00 hours) | |
| United Kingdom | Guy's & St Thomas' Poisons Unit Medical Toxicology Unit, Centre Hospitalier Universitaire de Constantine | Avonley Road SE14 5ER London | 0870 243 2241 | |
| United Kingdom | National Poisons Information Service (Newcastle Centre) Regional Drugs and Therapeutics Centre | Claremont Place Newcastle-upon-Tyne NE1 4LP Newcastle | 0844 892 0111 (UK only, Monday to Friday, 08.00 to 18.00 hours) | |

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

Not classified

Adverse physicochemical, human health and environmental effects

To our knowledge, this product does not present any particular risk, provided it is handled in accordance with good occupational hygiene and safety practice.

2.2. Label elements

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

EUH-statements : EUH208 - Contains 1,2-benzisothiazol-3(2H)-one, 1,2-benzisothiazolin-3-one(2634-33-5). May produce an allergic reaction

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according to Regulation (EU) 2015/830

EUH210 - Safety data sheet available on request

2.3. Other hazards

No additional information available

SECTION 3: Composition/information on ingredients

3.1. Substance

Not applicable

3.2. Mixture

| Name | Product identifier | % | Classification according to Regulation (EC) No. 1272/2008 [CLP] |
|--|---|--------------|---|
| zinc oxide | (CAS No) 1314-13-2 (EC no) 215-222-5 (EC index no) 030-013-00-7 | 0.018 - 0.04 | Aquatic Acute 1, H400 Aquatic Chronic 1, H410 |
| 1,2-benzisothiazol-3(2H)-one, 1,2-benzisothiazolin-3-one | (CAS No) 2634-33-5 (EC no) 220-120-9 (EC index no) 613-088-00-6 | 0.009 - 0.02 | Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315 Eye Dam. 1, H318 Skin Sens. 1, H317 Aquatic Acute 1, H400 |
| ZINC PYRITHIONE | (CAS No) 13463-41-7 (EC no) 236-671-3 | 0.009 - 0.02 | Not classified |
| SODIUM POLYNAPHTHALENESULFONATE | (CAS No) 9084-06-4 | 0 - 0.02 | Not classified |

Specific concentration limits:

| Name | Product identifier | Specific concentration limits |
|--|---|--------------------------------|
| 1,2-benzisothiazol-3(2H)-one, 1,2-benzisothiazolin-3-one | (CAS No) 2634-33-5 (EC no) 220-120-9 (EC index no) 613-088-00-6 | (C >= 0.05) Skin Sens. 1, H317 |

Full text of H-statements: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

- First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing.
First-aid measures after skin contact : Wash skin with plenty of water.
First-aid measures after eye contact : Rinse eyes with water as a precaution.
First-aid measures after ingestion : Call a poison center or a doctor if you feel unwell.

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

No additional information available

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

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media : Water spray. Dry powder. Foam. Carbon dioxide.

5.2. Special hazards arising from the substance or mixture

Hazardous decomposition products in case of fire : Toxic fumes may be released.

5.3. Advice for firefighters

Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Emergency procedures : Ventilate spillage area.

6.1.2. For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

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6.2. Environmental precautions

Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Take up liquid spill into absorbent material.
Other information : Dispose of materials or solid residues at an authorized site.

6.4. Reference to other sections

For further information refer to section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Ensure good ventilation of the work station. Wear personal protective equipment.
Hygiene measures : Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Store in a well-ventilated place. Keep cool.

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

| zinc oxide (1314-13-2) | | |
|------------------------|-------------------------------|--------------------------|
| Bulgaria | Local name | Цинков оксид (като цинк) |
| Bulgaria | OEL TWA (mg/m ³) | 5 mg/m ³ |
| Bulgaria | OEL STEL (mg/m ³) | 10 mg/m ³ |

8.2. Exposure controls

Appropriate engineering controls:

Ensure good ventilation of the work station.

Hand protection:

Protective gloves

Eye protection:

Safety glasses

Skin and body protection:

Wear suitable protective clothing

Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment

Environmental exposure controls:

Avoid release to the environment.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state : Liquid
Appearance : Paste.
Colour : No data available
Odour : characteristic.
Odour threshold : No data available
pH : 9 - 10
Relative evaporation rate (butylacetate=1) : No data available
Melting point : Not applicable
Freezing point : 0 °C
Boiling point : 100 °C
Flash point : No data available
Auto-ignition temperature : No data available

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| | |
|----------------------------------|------------------------|
| Decomposition temperature | : No data available |
| Flammability (solid, gas) | : Not applicable |
| Vapour pressure | : No data available |
| Relative vapour density at 20 °C | : No data available |
| Relative density | : No data available |
| Density | : 1.8 - 1.9 kg/l |
| Solubility | : Miscible with water. |
| Log Pow | : No data available |
| Viscosity, kinematic | : No data available |
| Viscosity, dynamic | : No data available |
| Explosive properties | : No data available |
| Oxidising properties | : No data available |
| Explosive limits | : No data available |

9.2. Other information

VOC content : <= 40 g/l

SECTION 10: Stability and reactivity

10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

None under recommended storage and handling conditions (see section 7).

10.5. Incompatible materials

No additional information available

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

| | |
|--|--------------------------------|
| Acute toxicity | : Not classified |
| Skin corrosion/irritation | : Not classified pH: 9 - 10 |
| Serious eye damage/irritation | : Not classified pH: 9 - 10 |
| Respiratory or skin sensitisation | : Not classified |
| Germ cell mutagenicity | : Not classified |
| Carcinogenicity | : Not classified |
| Reproductive toxicity | : Not classified |
| Specific target organ toxicity (single exposure) | : Not classified |
| Specific target organ toxicity (repeated exposure) | : Not classified |
| Aspiration hazard | : Not classified |

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general : The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.

1,2-benzisothiazol-3(2H)-one, 1,2-benzisothiazolin-3-one (2634-33-5)

| | |
|----------------|--|
| LC50 fish 1 | 2.18 mg/l Oncorhynchus mykiss (Rainbow trout)(OECD 203 method) |
| EC50 Daphnia 1 | 2.94 mg/l (OECD 202 method) |
| ErC50 (algae) | 0.11 mg/l (OECD 201 method) |

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12.2. Persistence and degradability

No additional information available

12.3. Bioaccumulative potential

No additional information available

12.4. Mobility in soil

No additional information available

12.5. Results of PBT and vPvB assessment

No additional information available

12.6. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.

SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

14.1. UN number

UN-No. (ADR) : Not applicable
UN-No. (IMDG) : Not applicable
UN-No. (IATA) : Not applicable
UN-No. (ADN) : Not applicable
UN-No. (RID) : Not applicable

14.2. UN proper shipping name

Proper Shipping Name (ADR) : Not applicable
Proper Shipping Name (IMDG) : Not applicable
Proper Shipping Name (IATA) : Not applicable
Proper Shipping Name (ADN) : Not applicable
Proper Shipping Name (RID) : Not applicable

14.3. Transport hazard class(es)

ADR

Transport hazard class(es) (ADR) : Not applicable

IMDG

Transport hazard class(es) (IMDG) : Not applicable

IATA

Transport hazard class(es) (IATA) : Not applicable

ADN

Transport hazard class(es) (ADN) : Not applicable

RID

Transport hazard class(es) (RID) : Not applicable

14.4. Packing group

Packing group (ADR) : Not applicable
Packing group (IMDG) : Not applicable
Packing group (IATA) : Not applicable
Packing group (ADN) : Not applicable
Packing group (RID) : Not applicable

14.5. Environmental hazards

Dangerous for the environment : No
Marine pollutant : No
Other information : No supplementary information available

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14.6. Special precautions for user

- Overland transport

Not applicable

- Transport by sea

Not applicable

- Air transport

Not applicable

- Inland waterway transport

Not applicable

- Rail transport

Not applicable

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

Not applicable

SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

Contains no REACH substances with Annex XVII restrictions

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

VOC content : <= 40 g/l

15.1.2. National regulations

DIRECTIVE 2004/42/EC on the limitation of emissions of volatile organic compounds due to the use of organic solvents in certain paints and varnishes and vehicle refinishing products

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

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

National regulations

15.2. Chemical safety assessment

A chemical safety assessment has been carried out

SECTION 16: Other information

Full text of H- and EUH-statements:

| | |
|---------------------|---|
| Acute Tox. 4 (Oral) | Acute toxicity (oral), Category 4 |
| Aquatic Acute 1 | Hazardous to the aquatic environment — Acute Hazard, Category 1 |
| Aquatic Chronic 1 | Hazardous to the aquatic environment — Chronic Hazard, Category 1 |
| Eye Dam. 1 | Serious eye damage/eye irritation, Category 1 |
| Skin Irrit. 2 | Skin corrosion/irritation, Category 2 |
| Skin Sens. 1 | Sensitisation — Skin, Category 1 |
| H302 | Harmful if swallowed |
| H315 | Causes skin irritation |
| H317 | May cause an allergic skin reaction |
| H318 | Causes serious eye damage |
| H400 | Very toxic to aquatic life |
| H410 | Very toxic to aquatic life with long lasting effects |
| EUH208 | Contains . May produce an allergic reaction |
| EUH210 | Safety data sheet available on request |

SDS EU (REACH Annex II)

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product