

ERFURT-KlimaTec Akustik Grundputz GP 10 PRO Komp. A

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SECTION 1: Identification of the substance/mixture and of the company/undertaking
1.1. Product identifier

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UFI: X3F3-N7TA-Q63Q-QYNX

1.2. Relevant identified uses of the substance or mixture and uses advised against
1.3. Details of the supplier of the safety data sheet

| | | |
|-----------------|------------------------|-------------------------------|
| Company name: | Erfurt & Sohn KG | |
| | Wände zum Wohlfühlen | |
| Street: | Hugo-Erfurt-Straße 1 | |
| Place: | D-42399 Wuppertal | |
| Contact person: | Herr Stephan Schmieder | Telephone: +49 202 6110 - 420 |
| e-mail: | s.schmieder@erfurt.com | |
| Internet: | www.erfurt.com | |

1.4. Emergency telephone number: Giftnotrufzentrale Bonn
+49 228 19240

SECTION 2: Hazards identification
2.1. Classification of the substance or mixture
GB CLP Regulation

Skin Irrit. 2; H315
Eye Dam. 1; H318

Full text of hazard statements: see SECTION 16.

2.2. Label elements
GB CLP Regulation
Hazard components for labelling

Calcium (di)hydroxide

Signal word: Danger

Pictograms:


Hazard statements

H315 Causes skin irritation.
H318 Causes serious eye damage.

Precautionary statements

P264 Wash Water and soap thoroughly after handling.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P302+P352 IF ON SKIN: Wash with plenty of Water and soap.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310 Immediately call a POISON CENTER/doctor.
P332+P313 If skin irritation occurs: Get medical advice/attention.

Special labelling of certain mixtures

EUH211 Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist.

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Labelling of packages where the contents do not exceed 125 ml
Signal word: Danger

Pictograms:

Hazard statements

H318

Precautionary statements

P280-P305+P351+P338-P310

2.3. Other hazards

No information available.

SECTION 3: Composition/information on ingredients
3.2. Mixtures
Chemical characterization

Binder + Filler + Pigment + Additive

Hazardous components

| CAS No | Chemical name | | | Quantity |
|------------|---|--------------|------------------|-------------|
| | EC No | Index No | REACH No | |
| | GHS Classification | | | |
| 13463-67-7 | titanium dioxide | | | 1 - < 5 % |
| | 236-675-5 | 022-006-00-2 | | |
| | Carc. 2; H351 | | | |
| 1305-62-0 | Calcium (di)hydroxide | | | 1 - < 5 % |
| | 215-137-3 | | 01-2119475151-45 | |
| | Skin Irrit. 2, Eye Dam. 1, STOT SE 3; H315 H318 H335 | | | |
| 64742-55-8 | Distillates (petroleum), hydrotreated light paraffinic; Baseoil - unspecified | | | 0.1 - < 1 % |
| | 265-158-7 | | 01-2119487077-29 | |
| | Asp. Tox. 1; H304 | | | |

Full text of H and EUH statements: see section 16.

SECTION 4: First aid measures
4.1. Description of first aid measures
After inhalation

Provide fresh air. When in doubt or if symptoms are observed, get medical advice.

After contact with skin

After contact with skin, wash immediately with plenty of water and soap. Take off immediately all contaminated clothing and wash it before reuse. If skin irritation occurs: Get medical advice/attention.

After contact with eyes

In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and consult an ophthalmologist.

After ingestion

Rinse mouth immediately and drink plenty of water. Do NOT induce vomiting. Never give anything by mouth to an unconscious person or a person with cramps.

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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.

SECTION 5: Firefighting measures**5.1. Extinguishing media****Suitable extinguishing media**

Co-ordinate fire-fighting measures to the fire surroundings.

5.2. Special hazards arising from the substance or mixture

Non-flammable.

In case of fire may be liberated: Carbon dioxide (CO₂), Carbon monoxide (CO), Pyrolysis products, toxic**5.3. Advice for firefighters**

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

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**

Provide adequate ventilation. Avoid contact with skin, eyes and clothes. Use personal protection equipment.

Avoid breathing spray.

6.2. Environmental precautions

Do not allow to enter into surface water or drains.

6.3. Methods and material for containment and cleaning up

Take up mechanically. Treat the recovered material as prescribed in the section on waste disposal.

6.4. Reference to other sections

Safe handling: see section 7

Personal protection equipment: see section 8

Disposal: see section 13

SECTION 7: Handling and storage**7.1. Precautions for safe handling****Advice on safe handling**

Avoid contact with skin, eyes and clothes. Use personal protection equipment. Avoid breathing spray.

Advice on protection against fire and explosion

Usual measures for fire prevention.

7.2. Conditions for safe storage, including any incompatibilities**Requirements for storage rooms and vessels**

Keep container tightly closed.

Hints on joint storage

No special measures are necessary.

Further information on storage conditions

Protect from frost.

7.3. Specific end use(s)

Restricted to professional users.

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SECTION 8: Exposure controls/personal protection
8.1. Control parameters
Exposure limits (EH40)

| CAS No | Substance | ppm | mg/m ³ | fibres/ml | Category | Origin |
|------------|---|-----|-------------------|-----------|---------------|--------|
| 1344-28-1 | Aluminium oxides, inhalable dust | - | 10 | | TWA (8 h) | WEL |
| 1317-65-3 | Calcium carbonate, respirable | - | 4 | | TWA (8 h) | WEL |
| 1305-62-0 | Calcium hydroxide (respirable fraction) | - | 1 | | TWA (8 h) | WEL |
| | | - | 4 | | STEL (15 min) | WEL |
| 13463-67-7 | Titanium dioxide, respirable | - | 4 | | TWA (8 h) | WEL |
| 13463-67-7 | Titanium dioxide, total inhalable | - | 10 | | TWA (8 h) | WEL |

DNEL/DMEL values

| CAS No | Substance | Exposure route | Effect | Value |
|--------------------------|---|----------------|----------|-----------------------|
| 1305-62-0 | Calcium (di)hydroxide | | | |
| Worker DNEL, long-term | | inhalation | local | 1 mg/m ³ |
| Worker DNEL, acute | | inhalation | local | 4 mg/m ³ |
| Consumer DNEL, long-term | | inhalation | local | 1 mg/m ³ |
| Consumer DNEL, acute | | inhalation | local | 4 mg/m ³ |
| 64742-55-8 | Distillates (petroleum), hydrotreated light paraffinic; Baseoil - unspecified | | | |
| Worker DNEL, long-term | | dermal | systemic | 1 mg/kg bw/day |
| Worker DNEL, long-term | | inhalation | systemic | 2,7 mg/m ³ |

PNEC values

| CAS No | Substance | Value |
|--|-----------------------|------------|
| Environmental compartment | | |
| 1305-62-0 | Calcium (di)hydroxide | |
| Freshwater | | 0,49 mg/l |
| Freshwater (intermittent releases) | | 0,49 mg/l |
| Marine water | | 0,32 mg/l |
| Micro-organisms in sewage treatment plants (STP) | | 3 mg/l |
| Soil | | 1080 mg/kg |

8.2. Exposure controls

Protective and hygiene measures

Remove contaminated, saturated clothing immediately. Draw up and observe skin protection programme.
 Wash hands and face before breaks and after work and take a shower if necessary. When using do not eat, drink, smoke, sniff.

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Eye/face protection

Wear eye/face protection.

Hand protection

glove material:

Butyl caoutchouc (butyl rubber)

NBR (Nitrile rubber)

When handling with chemical substances, protective gloves must be worn with the CE-label including the four control digits. 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.

Skin protection

Use of protective clothing.

Respiratory protection

z.B. Half-face mask FFP2

Environmental exposure controls

Avoid release to the environment. Avoid release to the environment.

SECTION 9: Physical and chemical properties
9.1. Information on basic physical and chemical properties

| | |
|-----------------|-----------|
| Physical state: | Liquid |
| Colour: | whitish |
| Odour: | odourless |

Test method

pH-Value (at 20 °C): ca. 12,5

Changes in the physical state

Melting point/freezing point: 0 °C Wasser

Boiling point or initial boiling point and boiling range: 100 °C Wasser

Flash point: not determined

Flash point: not determined

Flammability

Solid: not determined

Explosive properties

The product is not: Explosive.

Lower explosion limits: not determined

Upper explosion limits: not determined

Auto-ignition temperature: not determined

Self-ignition temperature

Solid: not determined

Gas: not applicable

Decomposition temperature: not determined

Oxidizing properties

The product is not: oxidising.

Vapour pressure: not determined

Density (at 20 °C): ca. 0,99 g/cm³

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| | |
|--|---------------------|
| Water solubility: | completely miscible |
| Solubility in other solvents | |
| not determined | |
| Partition coefficient n-octanol/water: | not determined |
| Viscosity / dynamic: | not applicable |
| Viscosity / kinematic: | not applicable |
| Relative vapour density: | not determined |
| Evaporation rate: | not determined |

9.2. Other information

| | |
|----------------|----------------|
| Solid content: | not determined |
|----------------|----------------|

SECTION 10: Stability and reactivity

10.1. Reactivity

No hazardous reaction when handled and stored according to provisions.

10.2. Chemical stability

The product is stable under storage at normal ambient temperatures.

10.3. Possibility of hazardous reactions

No known hazardous reactions.

10.4. Conditions to avoid

Protect from frost.

10.5. Incompatible materials

Exothermic reaction with: strong acids
Formation of: Hydrogen - Aluminium, Brass

10.6. Hazardous decomposition products

In case of fire may be liberated: Carbon dioxide (CO₂), Carbon monoxide (CO), Pyrolysis products, toxic.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity

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

| CAS No | Chemical name | | | | |
|------------|----------------------------|-------------------|---------|---------------------|--------------------|
| | Exposure route | Dose | Species | Source | Method |
| 13463-67-7 | titanium dioxide | | | | |
| | oral | LD50 > 5000 mg/kg | Rat | Study report (2006) | OECD Guideline 425 |
| 1305-62-0 | Calcium (di)hydroxide | | | | |
| | oral | LD50 > 2000 mg/kg | Rat | Study report (2007) | OECD Guideline 425 |
| | dermal | LD50 > 2500 mg/kg | Rabbit | Study report (1994) | EU Method B.3 |
| | inhalation (4 h) dust/mist | LC50 > 6,04 mg/l | Rat | Study report (2010) | OECD Guideline 436 |

Irritation and corrosivity

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Causes skin irritation. (On basis of test data)

Causes serious eye damage. (On basis of test data)

Sensitising effects

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

Carcinogenic/mutagenic/toxic effects for reproduction

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.

Practical experience

Other observations

No information available.

SECTION 12: Ecological information

12.1. Toxicity

The product is not: Ecotoxic.

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| CAS No | Chemical name | | | | | |
|------------|--------------------------|--------------------|-----------|---|--|--|
| | Aquatic toxicity | Dose | [h] [d] | Species | Source | Method |
| 13463-67-7 | titanium dioxide | | | | | |
| | Acute algae toxicity | ErC50 > 100 mg/l | 72 h | Pseudokirchneriella subcapitata | Study report (2015) | OECD Guideline 201 |
| | Acute crustacea toxicity | EC50 > 100 mg/l | 48 h | Daphnia magna | Ecotoxicol. Environ. Safety 127, 144-152 | OECD Guideline 202 |
| | Algae toxicity | NOEC > 1 mg/l | 32 d | Synedra ulna, Scenedesmus quadricauda, Stigeocloni | REACH Registration Dossier | OECD Guideline 201 |
| | Crustacea toxicity | NOEC >= 5 mg/l | 21 d | Daphnia magna | Publication (2013) | OECD Guideline 211 |
| | Acute bacteria toxicity | (EC50 > 1000 mg/l) | 3 h | activated sludge, domestic | REACH Registration Dossier | OECD Guideline 209 |
| 1305-62-0 | Calcium (di)hydroxide | | | | | |
| | Acute fish toxicity | LC50 50,6 mg/l | 96 h | Oncorhynchus mykiss | REACH Registration Dossier | OECD Guideline 203 |
| | Acute algae toxicity | ErC50 184,57 mg/l | 72 h | Pseudokirchneriella subcapitata | REACH Registration Dossier | OECD Guideline 201 |
| | Acute crustacea toxicity | EC50 49,1 mg/l | 48 h | Daphnia magna | REACH Registration Dossier | OECD Guideline 202 |
| | Crustacea toxicity | NOEC 32 mg/l | 14 d | Crangon septemspinosa | REACH Registration Dossier | Toxicity test was conducted by a standar |
| | Acute bacteria toxicity | (EC50 300,4 mg/l) | 3 h | activated sludge of a predominantly domestic sewage | REACH Registration Dossier | OECD Guideline 209 |

12.2. Persistence and degradability

The product has not been tested.

12.3. Bioaccumulative potential

The product has not been tested.

BCF

| CAS No | Chemical name | BCF | Species | Source |
|-----------|-----------------------|-------|-----------------------|----------------------|
| 1305-62-0 | Calcium (di)hydroxide | 21,09 | Lolium perenne cv Nui | Communications in So |

12.4. Mobility in soil

The product has not been tested.

12.5. Results of PBT and vPvB assessment

The product has not been tested.

12.6. Other adverse effects

No information available.

Further information

Avoid release to the environment.

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SECTION 13: Disposal considerations**13.1. Waste treatment methods****Disposal recommendations**

Do not allow to enter into surface water or drains. Dispose of waste according to applicable legislation.

List of Wastes Code - used product

170904 CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES); other construction and demolition wastes; mixed construction and demolition wastes other than those mentioned in 17 09 01, 17 09 02 and 17 09 03

List of Wastes Code - contaminated packaging

150102 WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED; packaging (including separately collected municipal packaging waste); plastic packaging

Contaminated packaging

Wash with plenty of water. Completely emptied packages can be recycled.

SECTION 14: Transport information**Land transport (ADR/RID)**

| | |
|--|--|
| 14.1. UN number: | No dangerous good in sense of this transport regulation. |
| 14.2. UN proper shipping name: | No dangerous good in sense of this transport regulation. |
| 14.3. Transport hazard class(es): | No dangerous good in sense of this transport regulation. |
| 14.4. Packing group: | No dangerous good in sense of this transport regulation. |

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: No

14.6. Special precautions for user

No dangerous good in sense of this transport regulation.

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

No dangerous good in sense of this transport regulation.

SECTION 15: Regulatory information**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****EU regulatory information**

Restrictions on use (REACH, annex XVII):

Entry 3, Entry 75

Information according to 2012/18/EU (SEVESO III): Not subject to 2012/18/EU (SEVESO III)

National regulatory information

Employment restrictions: Observe restrictions to employment for juveniles according to the 'juvenile work protection guideline' (94/33/EC).

Water hazard class (D): 1 - slightly hazardous to water

15.2. Chemical safety assessment

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

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SECTION 16: Other information
Abbreviations and acronyms

CLP: Classification, labelling and Packaging
 REACH: Registration, Evaluation and Authorization of Chemicals
 GHS: Globally Harmonised System of Classification, Labelling and Packaging of Chemicals
 UN: United Nations
 CAS: Chemical Abstracts Service
 DNEL: Derived No Effect Level
 DMEL: Derived Minimal Effect Level
 PNEC: Predicted No Effect Concentration
 ATE: Acute toxicity estimate
 LC50: Lethal concentration, 50%
 LD50: Lethal dose, 50%
 LL50: Lethal loading, 50%
 EL50: Effect loading, 50%
 EC50: Effective Concentration 50%
 ErC50: Effective Concentration 50%, growth rate
 NOEC: No Observed Effect Concentration
 BCF: Bio-concentration factor
 PBT: persistent, bioaccumulative, toxic
 vPvB: very persistent, very bioaccumulative
 ADR: Accord européen sur le transport des marchandises dangereuses par Route
 (European Agreement concerning the International Carriage of Dangerous Goods by Road)
 RID: Regulations concerning the international carriage of dangerous goods by rail
 MARPOL: International Convention for the Prevention of Marine Pollution from Ships
 IBC: Intermediate Bulk Container
 SVHC: Substance of Very High Concern
 For abbreviations and acronyms, see: ECHA Guidance on information requirements and chemical safety assessment, chapter R.20 (Table of terms and abbreviations).

Classification for mixtures and used evaluation method according to GB CLP Regulation

| Classification | Classification procedure |
|---------------------|--------------------------|
| Skin Irrit. 2; H315 | On basis of test data |
| Eye Dam. 1; H318 | On basis of test data |

Relevant H and EUH statements (number and full text)

H304 May be fatal if swallowed and enters airways.
 H315 Causes skin irritation.
 H318 Causes serious eye damage.
 H335 May cause respiratory irritation.
 H351 Suspected of causing cancer.
 EUH211 Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist.

Further Information

The information is based on the present level of our knowledge. It does not, however, give assurance of product properties and establishes no contract legal rights. The receiver of our product is singularly responsible for adhering to existing laws and regulations.

(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)