

**SECTION 1: Identification of the substance/mixture and of the company/undertaking****Product identifier****Trade name:****GYPSUM FINISHING COAT 601**

White gypsum finishing coat

**Relevant identified uses of the substance or mixture and uses advised against****Life cycle stages**

C/PW Consumer use / Widespread use by professional workers

**Sector of Use**

SU19 Building and construction work

**Product category**

PC9b Fillers, putties, plasters, modelling clay

**Process category**

PROC11 Non industrial spraying

PROC19 Manual activities involving hand contact

**Environmental release category**

ERC10a / ERC11a Widespread use of articles with low release

**Article category**

AC4 Stone, plaster, cement, glass and ceramic articles

**Application of the substance / the preparation**

Plaster surfacer - Product for an industrial, technical and private use for mixing with water and subsequent processing on buildings. For all other uses is advised against/ not recommended.

**Details of the supplier of the safety data sheet****Manufacturer/Supplier:**

KREISEL - Technika Budowlana Sp. z o.o.  
ul. Szarych Szeregów 23  
60-462 Poznań  
Poland

Tel. +48 61 846 79 00

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sekretariat@kreisel.pl

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**Further information obtainable from:**

Bartosz Polaczyk - Tel.: +48 510 022 908, +48 61 84 67 966, bartosz.polaczyk@kreisel.pl

On working days 8 a.m. - 4 p.m.

**Emergency telephone number**

National poisons information centre: +44/(0)171 - 635 9191  
National Health Service: 111  
European emergency call: 112

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## SECTION 2: Hazards identification

### Classification of the substance or mixture

The product is not classified, according to the Globally Harmonised System (GHS).

### Label elements

GHS label elements Void

### Hazard pictograms

Void

### Signal word

Void

### Hazard statements

Void

### Precautionary statements

Observe the general safety regulations when handling chemicals.

### Other hazards

The part of respirable, cristaline siliciumdioxide amounts below 1%. The product ist no subject to a declaration obligation. However, the use of breathing protection is advisable.

Dust from the dry mixture can cause respiratory irritation. Frequent inhalation of large amounts of dust increases the risk of developing lung diseases.

### Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable.

## SECTION 3: Composition/information on ingredients

### Chemical characterization: Substances

This product is a mixture.

### Mixtures

### Description:

Mixture of inorganic binders, fillers and nonhazardous additions

### Dangerous components:

No declarable substances

### Other components (>20%):

CAS: 16389-88-1 EINECS: 240-440-2 REACH: 1	Dolomite (Calcium/Magesium carbonate) Consisting of: 16389-88-1 Calcium/Magesium carbonate (> 90%); 471-34-1 Calcium carbonate (0 - 10%); 14808-60-7 Quartz (SiO <sub>2</sub> ) (0 - 10%); 37244-96-5 Feldspar (0 - 5%); 12001-26-2 Mica - Potassium aluminum silicate (Muscovite) (0 - 5%)	50 - < 100%
CAS: 7778-18-9 EINECS: 231-900-3 REACH: 01-2119444918-26	Calcium sulphate, various hydrates CaSO <sub>4</sub> x (0 - 2) H <sub>2</sub> O Consisting of: 14798-04-0 Calcium sulfate anhydrite; 10034-76-1 Calcium sulphate hemihydrate; 13397-24-5 Calcium sulphate hydrate; 10101-41-4 Calcium sulphate dihydrate	25 - 50%

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**Additional information:**

For the wording of the listed hazard phrases refer to section 16.

<sup>1</sup> Not subject to registration in accordance with EC 1907/2006 Annex V (point 7) or Article 2.**SECTION 4: First aid measures****Description of first aid measures**

First aid

**General information:**

For first responder no special personal protective equipment is required. First responder should avoid contact with the product.

**After inhalation:**

Remove dust source and provide fresh air or bring the person in fresh air. If discomfort, cough or persistent irritation, seek medical attention.

**After skin contact:**

Rinse with warm water. Generally the product does not irritate the skin.

**After eye contact:**

Do not rub eyes because additional damage to eyes can be caused by mechanical stress. If necessary, remove contact lenses and flush the eye immediately while holding eyelids open to water for at least 20 minutes. If possible, isotonic eyewash solution (e. g. 0,9% NaCl). Always consult an occupational physician or ophthalmologist.

**After swallowing:**

Do not induce vomiting. If conscious rinse mouth with water and drink plenty of water. Consult a physician or poison control center.

**Most important symptoms and effects, both acute and delayed**

Symptoms and effects are described in section 2 and 11.

**Hazards:**

No further relevant information available.

**Indication of any immediate medical attention and special treatment needed**

If a physician is to be consulted, as per possibility he should be presented this safety data sheet.

**SECTION 5: Firefighting measures****Extinguishing media**

The mixture is flammable neither in the delivery condition not in mixed conditions. Extinguisher and fire fighting are therefore adjusted to the surrounding fire.

**Suitable extinguishing agents:**

The mixture is flammable neither in the delivery condition not in mixed conditions. Extinguisher and fire fighting are therefore adjusted to the surrounding fire.

**Special hazards arising from the substance or mixture**

This product is neither explosive nor flammable, and non-oxidizing with other materials. Inorganic dust can appear in case of fire. Avoid formation of dust.

**Advice for firefighters**

No special measures required. Collect contaminated fire fighting water separately. It must not enter the sewage system. Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.

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**SECTION 6: Accidental release measures****Personal precautions, protective equipment and emergency procedures**

Avoid formation of dust. Avoid inhalation, eye and skin contact. If appropriate, reference must be made to exposure controls and personal protection (see section 8).

**Environmental precautions**

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

**Methods and material for containment and cleaning up**

Collect spilled dry material dry and use if possible. Avoid formation of dust. For cleaning use at least industrial vacuum dust class M (DIN EN 60335-2-69). Do not dry sweep. Never use compressed air for cleaning. If, during a dry cleaning dust is formed, then it is necessary to use personal protective equipment. Avoid inhalation of emerging dust and contact with skin. Dispose of the material collected according to regulations.

Let the mixed mortar solidify and dispose of (see section 13.1).

**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.

**SECTION 7: Handling and storage****Precautions for safe handling:**

Ensure good ventilation/exhaustion at the workplace. Prevent formation of dust. Avoid contact with the eyes and skin. Wear protective clothing. Washing facilities / Water for cleaning eyes and skin should be available. Persons, who tend to skin diseases or other hypersensitivity reactions of the skin, should not handle the product. Do not eat, drink, smoke or sniff while working.

**Information about fire - and explosion protection:**

No special measures required.

**Conditions for safe storage, including any incompatibilities****Storage:****Requirements to be met by storerooms and receptacles:**

Keep out of reach of children. Store in cool, dry place in tightly closed receptacles.

**Information about storage in one common storage facility:**

Keep away from foodstuffs, beverages and feed.

**Further information about storage conditions:**

Protect from humidity and water.

**Minimum storage life:**

Minimum storage life (store dry, up to 20°C): See indication on package.

**Storage class: 13****Specific end use(s)**

No further relevant information available.

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**SECTION 8: Exposure controls/personal protection**

**Control parameters**

**Ingredients 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.

**DNELs**

**7778-18-9 Calcium sulphate, various hydrates  $\text{CaSO}_4 \times (0 - 2) \text{H}_2\text{O}$**

Oral	Long term exposure	1.25 mg/kg bw/d (Consumer)
	Short term exposure	11.4 mg/kg bw/d (Consumer)
Inhalative	Systemic - Long term exposure	5.29 mg/m <sup>3</sup> (Consumer)
		21.17 mg/m <sup>3</sup> (Employee)
	Systemic - Short term exposure	3,811 mg/m <sup>3</sup> (Consumer)
		5,082 mg/m <sup>3</sup> (Employee)

**PNECs**

**7778-18-9 Calcium sulphate, various hydrates  $\text{CaSO}_4 \times (0 - 2) \text{H}_2\text{O}$**

Freshwater	mg/l (Not toxic)
Soil	mg/kg (Not toxic)
Sediments (Freshwater)	mg/kg (Not toxic)
Sewage plant	10 mg/l

**Ingredients with biological limit values:**

Void

**Additional Occupational Exposure Limit Values for possible hazards during processing:**

**Components with general dust limit**

MAK (Great Britain)	Long-term value: 4 A 10 E mg/m <sup>3</sup>
<b>14808-60-7 Quartz (<math>\text{SiO}_2</math>)</b>	
BOELV (EU)	Long-term value: 0.1* mg/m <sup>3</sup> *respirable fraction

A - Alveoles passing particles    E - Respirable particles    (DIN EN 481)

**Additional information:**

The lists valid during the making were used as basis.

**Exposure controls**

**Individual protection measures, such as personal protective equipment**

**General protective and hygienic measures:**

Use skin protection cream for skin protection. Avoid close or long term contact with the skin. Avoid contact with the eyes. Wash hands before breaks and at the end of work. Keep away from foodstuffs, beverages and feed. Do not eat, drink, smoke or sniff while working.

**Respiratory protection:**



Particle filtering half mask (FFP2 according to EN 149)

Compliance with the Occupational Exposure Limits is to be ensured through effective dust-technical measures, such as local exhaust ventilation. If there is a risk of exceeding the exposure limits, e. g. the open fiddling with the powdered dry product or during processing by splash, an appropriate respirator must be used.

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**Hand protection:**

Hand protection: Chemical resistant protective gloves according EN ISO 374

Wear waterproof, abrasion and alkali-resistant protective gloves with CE marking. leather gloves are not suitable on the basis of their water permeability and can release chromate-containing compounds.

**Material of gloves:**

When preparing and processing the ready-mix, no chemical-resistant gloves (Cat. III) are necessary. Studies have shown that nitrile-soaked cotton gloves (layer thickness about 0.15 mm) offer over a period of 480 min adequate protection. Change damp gloves. Keep gloves ready for change.

**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.

**For the permanent contact gloves made of the following materials are suitable:**

Polychloroprene (material thickness  $\geq 0.5$  mm ; breakthrough time  $\geq 480$  min.)

Nitrile rubber (material thickness  $\geq 0.35$  mm ; breakthrough time  $\geq 480$  min.)

Butyl rubber (material thickness  $\geq 0.5$  mm ; breakthrough time  $\geq 480$  min.)

Fluororubber (material thickness  $\geq 0.4$  mm ; breakthrough time  $\geq 480$  min.)

Neoprene protective gloves with a material thickness of  $\geq 0.5$  mm are recommended.

**Not suitable are gloves made of the following materials:**

Non-liquid-tight gloves made of fabric, leather or similar materials.

**Eye/face protection:**

In case of dust development or splash risk use tightly fitting safety goggles according to EN 166.

**Body protection:**

Wear closed long-sleeved clothing and tight shoes. If contact with fresh mortar is unavoidable, the protective clothing should also be waterproof. Make sure that no fresh mortar from above gets into the shoes or boots.

**Risk management measures:**

An operator training/guidance in the correct use of personal protective equipment is necessary to ensure the required level of effectiveness.

**Information about design of technical facilities**

For reduction of the dust formation, closed systems (e. g. silo with conveyor) local exhaust or other engineering controls such as plastering machines or continuous mixers with special additional equipment for dust detection should be used.

**Environmental exposure controls**

Avoid release in the environment. Use the surplus or dispose it of properly.

**SECTION 9: Physical and chemical properties**

**Information on basic physical and chemical properties****General Information****Physical state**

Solid

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<b>Appearance:</b>	
<b>Form:</b>	Powder
<b>Colour:</b>	Whitish
<b>Odour:</b>	Odourless
<b>Odour threshold:</b>	Not safety relevant
<b>pH at 20 °C (68 °F)</b>	6 - 8
	Saturated aqueous solution
<b>Change in condition</b>	
<b>Melting point/freezing point:</b>	> 1,300 °C (> 34.300 °F) (ISO 3016)
<b>Boiling point or initial boiling point and boiling range</b>	Not applicable
<b>Flammability</b>	Product is not flammable.
<b>Flash point:</b>	Not applicable
<b>Auto-ignition temperature:</b>	Not applicable
<b>Decomposition temperature:</b>	>100°C to CaSO <sub>4</sub> and H <sub>2</sub> O >800°C to CaO and SO <sub>3</sub>
<b>Oxidising properties:</b>	None
<b>Explosive properties:</b>	Product does not present an explosion hazard.
<b>Ignition temperature:</b>	Product is not selfigniting.
<b>Density and/or relative density</b>	
<b>Density:</b>	Not determined
<b>Bulk density:</b>	720 - 1,100 kg/m <sup>3</sup>
<b>Particle size</b>	
<b>Solubility</b>	
<b>Water:</b>	Slightly soluble
<b>Solids content:</b>	100.0 %

**Other information**

**Information with regard to physical hazard classes**

<b>Explosives</b>	Void
<b>Flammable gases</b>	Void
<b>Aerosols</b>	Void
<b>Oxidising gases</b>	Void
<b>Gases under pressure</b>	Void
<b>Flammable liquids</b>	Void
<b>Flammable solids</b>	Void
<b>Self-reactive substances and mixtures</b>	Void
<b>Pyrophoric liquids</b>	Void
<b>Pyrophoric solids</b>	Void
<b>Self-heating substances and mixtures</b>	Void
<b>Substances and mixtures, which emit flammable gases in contact with water</b>	Void
<b>Oxidising liquids</b>	Void
<b>Oxidising solids</b>	Void
<b>Organic peroxides</b>	Void
<b>Corrosive to metals</b>	Void
<b>Desensitised explosives</b>	Void

**SECTION 10: Stability and reactivity**

**Reactivity**

A proposed reaction takes place in contact with water, during which the product hardens and forms a solid mass, which does not react with the environment.

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**Chemical stability:**

The product is stable as long as it is stored properly and dry.

**Thermal decomposition / conditions to be avoided:**

No decomposition if used according to specifications.

**Possibility of hazardous reactions**

No dangerous reactions known.

**Conditions to avoid**

Prevent entry of water and moisture during storage (the mixture reacts with moisture and hardens).

**Incompatible materials**

No further relevant information available.

**Hazardous decomposition products**

No dangerous decomposition products known.

**Minimum storage life:****Additional information:**

No further relevant information available.

## SECTION 11: Toxicological information

**Information on hazard classes as defined in Regulation (EC) No 1272/2008**

The product was not investigated. The statement is derived from the properties of the single components.

**Acute toxicity:**

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

**LD/LC50 values relevant for classification:****7778-18-9 Calcium sulphate, various hydrates  $\text{CaSO}_4 \times (0 - 2) \text{H}_2\text{O}$** 

Oral	LD <sub>50</sub>	> 2,000 mg/kg (Rat)
Inhalative	LC <sub>50</sub> (4h)	> 5 mg/l (Rat)

**On the skin:**

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

**On the eye:**

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

**Sensitization:**

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.

**Specific target organ toxicity - single exposure (STOT SE):**

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

**Specific target organ toxicity - repeated exposure (STOT RE):**

Frequent inhalation of large amounts of dust increases the risk of developing lung diseases.

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

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**Aspiration hazard:**

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

**Practical experience**

No further relevant information available.

**General comments**

No further relevant information available.

**Information on other hazards****Endocrine disrupting properties**

None of the ingredients is listed.

**SECTION 12: Ecological information**

**Toxicity**

The product was not investigated. The statement is derived from the properties of the single components.

**Aquatic toxicity:****7778-18-9 Calcium sulphate, various hydrates  $\text{CaSO}_4 \times (0 - 2) \text{H}_2\text{O}$** 

LC <sub>50</sub> (96h)	> 1,970 mg/l (Fat head minnow - pimephales promelas)
LC <sub>50</sub> (48h)	> 1,910 mg/l (Water flea - ceriodaphnia dubia)
LC <sub>50</sub> (96h Marine water)	> 79 mg/l (Japanese rice fish - oryza latipes) (OECD 203) LIMIT-Test
LC <sub>50</sub> (96h Freshwater)	> 79 mg/l (Algae) (OECD 201) LIMIT-Test
EC <sub>50</sub>	> 790 mg/kg (Activated sludge organisms) (OECD 209)
EC <sub>50</sub> (48h)	> 79 mg/l (Water flea - daphnia) (OECD 202) LIMIT-Test
EC <sub>50</sub> (96h)	3,200 mg/l (Algae - navicula seminulum)
NOEC (21d)	360 mg/l (Water flea - daphnia magna)

**Persistence and degradability**

Anorganic product, is not removable from water by biological cleaning process

**Bioaccumulative potential**

Does not accumulate in organisms

**Mobility in soil**

Slightly soluble

**Results of PBT and vPvB assessment****PBT:** Not applicable.**vPvB:** Not applicable.**Endocrine disrupting properties**

The product does not contain substances with endocrine disrupting properties.

**Other adverse effects**

No further relevant information available.

**Literature**

No further relevant information available.

**Ecotoxicological effects:**

No further relevant information available.

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**Behaviour in sewage processing plants:**

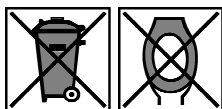
No further relevant information available.

**Additional ecological information:****General notes:**

Water hazard class 1 (German Regulation) (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.

### SECTION 13: Disposal considerations

**Waste treatment methods****Recommendation:**

Must not be disposed together with household garbage. Do not allow product to reach sewage system.

Gather dry, store in labeled containers and re-use if possible, taking into account the maximum storage time or mix residual amounts while avoiding any skin contact and exposure to dust with water. Moisture products or product slurry to harden and dispose of according to local regulatory regulations.

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

16 03 04 for residual amounts of unprocessed product

17 08 02 for the water mixed and settled product

15 01 01 for the completely emptied packaging

**Uncleaned packaging****Recommendation:**

Packagings that may not be cleansed are to be disposed of in the same manner as the product.

Disposal must be made according to official regulations.

Recycle only completely emptied packaging.

### SECTION 14: Transport information

<b>UN number or ID number</b> <b>ADR, ADN, IMDG, IATA</b>	Void
<b>UN proper shipping name</b> <b>ADR, ADN, IMDG, IATA</b>	Void
<b>Transport hazard class(es)</b> <b>ADR, ADN, IMDG, IATA</b> <b>Class</b>	Void
<b>Packing group</b> <b>ADR, IMDG, IATA</b>	Void
<b>Environmental hazards</b> <b>Marine pollutant:</b>	No

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<b>Special precautions for user</b>	Not applicable
<b>Maritime transport in bulk according to IMO instruments</b>	Not applicable
<b>UN "Model Regulation":</b>	Void

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

Observe the general safety regulations when handling chemicals.

**GHS label elements** Void

**Hazard pictograms** Void

**Signal word** Void

**Hazard statements** Void

**Directive (EU) 2012/18**

**Named dangerous substances - ANNEX I :**

None of the ingredients is listed.

**Biozide ingredients (98/8/EG):**

Data based on recipe and information on the raw materials from the supply chain.

None of the ingredients is listed.

**Classification according 2004/42/EG:** Not applicable.

**Chemical safety assessment**

A Chemical Safety Assessment has not been carried out.

**SECTION 16: Other information**
**Reasons for changes:**

\* Data compared to the previous version altered.

**Advice for instructions:**

Additional trainings, which go beyond the prescribed training in activities involving hazardous substances are not required.

**Literature and the data sources:**
**Department issuing MSDS:**

Product safety department (+43/(0)5522-41646-0 / klaus.ritter@fixit-gruppe.com)

**Contact:**

Dr. Klaus Ritter

**Date of previous version:** 23.12.2022

**Abbreviations and acronyms:**

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

ICAO: International Civil Aviation Organisation

MAK: Maximale Arbeitsplatz-Konzentration (maximum concentration of a chemical substance in the workplace, Austria/Germany)

PBT: persistent, bioaccumulative and toxic properties

vPvB: very persistent, bioaccumulative properties

ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)

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**Safety data sheet**  
**according to 1907/2006/EC, Article 31**

**KREISEL®**

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IMDG: International Maritime Code for Dangerous Goods  
IATA: International Air Transport Association  
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)  
DNEL: Derived No-Effect Level (UK REACH)  
PNEC: Predicted No-Effect Concentration (UK REACH)  
LC50: Lethal concentration, 50 percent  
LD50: Lethal dose, 50 percent  
PBT: Persistent, Bioaccumulative and Toxic  
vPvB: very Persistent and very Bioaccumulative

**Further information:**

The information in this safety data sheet describe the safety requirements of our product and is based on our current state of our knowledge. They provide no assurance of product quality. Existing laws, ordinances and regulations, including those that are not mentioned in this data sheet must be observed by the recipient of our products in their own responsibility.

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