Safety Data Sheet
according to P.U.(A) 310/2013

Printing date 20.10.2023 | Version number 28 | Revision: 20.10.2023

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1 Identification of the hazardous chemical and of the supplier

· **Product identifier**

· **Trade name** **EXZELLENT STP historic Feinputz**

· **Recommended use of the chemical and restrictions on use** No further relevant information available.

· **Application of the substance / the mixture** Ready-mixed mortar
dry mortar

· **Details of the supplier of the safety data sheet**

· **Manufacturer/Supplier:**
MC-Bauchemie Müller GmbH & Co. KG
Am Kruppwald 1-8
D-46238 Bottrop
Tel.: +49(0)2041-101-0
Fax.: +49(0)2041-101-400
E-Mail: info@mc-bauchemie.de

MC-Bauchemie AG
Hagackerstr. 10
CH-8953 Dietikon
Tel.: +44-7400510
Fax : +44-7400533

· **Informing department:** msds@mc-bauchemie.de

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2 Hazard identification

· **Classification of the substance or mixture**

Skin Irrit. 2 H315 Causes skin irritation.
Eye Dam. 1 H318 Causes serious eye damage.
Carc. 2 H351 Suspected of causing cancer. Route of exposure: Inhalation.

· **Label elements**

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

· **Hazard pictograms**

GHS05

GHS08

· **Signal word** Danger

· **Hazard-determining components of labelling:**
calcium dihydroxide
titanium dioxide
roman cement

· **Hazard statements**
Causes skin irritation.
Causes serious eye damage.
Suspected of causing cancer. Route of exposure: Inhalation.

· **Precautionary statements** Wear protective gloves / eye protection / face protection.

(Contd. on page 2)

Safety Data Sheet
according to P.U.(A) 310/2013

Printing date 20.10.2023 Version number 28 Revision: 20.10.2023

Trade name EXZELLENT STP historic Feinputz

(Contd. of page 1)

Use personal protective equipment as required.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Immediately call a POISON CENTER/doctor.
Specific treatment (see on this label).
Take off contaminated clothing and wash before reuse.

· **Other hazards**
· **Results of PBT and vPvB assessment**
· **PBT:** Not applicable.
· **vPvB:** Not applicable.

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3 Composition and information of the ingredients of the hazardous chemical

· **Chemical characterisation: Mixtures**
· **Description:** Mixture consisting of the following components.

· **Dangerous components:**

14808-60-7	Quartz (SiO2)	50-70%
1305-62-0	calcium dihydroxide Eye Dam. 1, H318; Skin Irrit. 2, H315; STOT SE 3, H335	≥10-<20%
1317-65-3	Calcium carbonate	<2.5%
	roman cement Eye Dam. 1, H318; Skin Irrit. 2, H315; STOT SE 3, H335	≥1-<2.5%
13463-67-7	titanium dioxide Carc. 2, H351	≥1-<1.5%

4 First-aid measures

· **Description of first aid measures**
· **General information** No special measures required.
· **After inhalation** Void
· **After skin contact** The product is not skin irritating.
· **After eye contact** Rinse opened eye for several minutes under running water.
· **After swallowing** Rinse out mouth and then drink plenty of water.
In case of persistent symptoms consult doctor.

· **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.

(Contd. on page 3)

Safety Data Sheet
according to P.U.(A) 310/2013

Printing date 20.10.2023 Version number 28 Revision: 20.10.2023

Trade name EXZELLENT STP historic Feinputz

(Contd. of page 2)

5 Fire-fighting measures

· **Extinguishing media**
· **Suitable extinguishing agents** Void
· **Special hazards arising from the substance or mixture** No further relevant information available.
· **Advice for firefighters**
· **Protective equipment:** No special measures required.

6 Accidental release measures

· **Personal precautions, protective equipment and emergency procedures** Not required.
· **Environmental precautions:** No special measures required.
· **Methods and material for containment and cleaning up:** Collect mechanically.
· **Reference to other sections** No dangerous materials are released.

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7 Handling and storage

· **Handling**
· **Precautions for safe handling** Prevent formation of dust.
· **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 containers:** No special requirements.
· **Information about storage in one common storage facility:** Not required.
· **Further information about storage conditions:** None.
· **Storage class** 13
· **Specific end use(s)** No further relevant information available.

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8 Exposure controls and personal protection

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

(Contd. on page 4)

Safety Data Sheet
according to P.U.(A) 310/2013

Printing date 20.10.2023 Version number 28 Revision: 20.10.2023

Trade name EXZELLENT STP historic Feinputz

(Contd. of page 3)

· **Control parameters**

· **Components with critical values that require monitoring at the workplace:**	
14808-60-7 Quartz (SiO2)	
PEL (Malaysia)	Long-term value: 0.1* mg/m³ *Pecahan ternafaskan
1305-62-0 calcium dihydroxide	
PEL (Malaysia)	Long-term value: 5 mg/m³
1317-65-3 Calcium carbonate	
PEL (Malaysia)	Long-term value: 10 mg/m³
13463-67-7 titanium dioxide	
PEL (Malaysia)	Long-term value: 10 mg/m³

· **DNELs**		
1305-62-0 calcium dihydroxide		
Inhalative	DNEL	1 mg/m³ (ArL)
1317-65-3 Calcium carbonate		
Oral	DNEL	6.1 mg/kg bw/Tag (ArL)
Inhalative	DNEL	10 mg/m³ (ArL)

· **PNECs**	
1305-62-0 calcium dihydroxide	
PNEC	3 mg/l (BEL) 0.32 mg/l (Mew) 0.49 mg/l (Suw)
PNEC	1080 mg/kg dwt (Bod)
1317-65-3 Calcium carbonate	
PNEC	100 mg/l (Sewage Treatment Plant)

· **Additional information:** The lists that were valid during the compilation were used as basis.

· **Exposure controls**

· **Personal protective equipment**

· **General protective and hygienic measures** The usual precautionary measures should be adhered to in handling the chemicals.

· **Breathing equipment:** Wear respiratory protection in case of insufficient ventilation.
The selection of respirators (EN 14387) must be based on the known or anticipated exposure concentrations, the hazards of the product and the occupational exposure limits (section 8.1) of the respirator in question.
Particle filter PP1: Inert substance; P2, P3: Hazardous substances
Provide adequate ventilation. This can be achieved by local exhaust ventilation or general exhaust ventilation.
(EN 689 - Methods for determining inhalation exposure)
This applies especially at the mixing or stirring place.
If this is not sufficient to keep the concentration below the occupational exposure limit, provide respiratory protection.

(Contd. on page 5)

(Contd. of page 4)

· **Protection of hands:**	Protective gloves. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation After use of gloves apply skin-cleaning agents and skin cosmetics.
· **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. Nitrile rubber, NBR Natural rubber, NR
· **Penetration time of glove material**	The exact breakthrough time must be obtained from the protective glove manufacturer and must be observed. Breakthrough time: > = 480 min
· **Eye protection:**	Safety glasses Tightly sealed safety glasses.
· **Body protection:**	Protective work clothing.

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9 Physical and chemical properties

· **Information on basic physical and chemical properties**	
· **General Information**	
· **Appearance:**	
Form:	Powder
Colour:	According to product specification
· **Smell:**	neutral
· **pH-value:**	Not applicable.
· **Change in condition**	
Melting point/freezing point	Not determined
Initial boiling point and boiling range	2230 °C
· **Flash point:**	Not applicable
· **Flammability (solid, gas)**	Product is not inflammable.
· **Explosive properties:**	Product is not explosive.
· **Steam pressure at 1732 °C:**	13.5 hPa
· **Density**	Not determined
· **Solubility in / Miscibility with**	
Water:	Unsoluble
· **Viscosity:**	
dynamic:	Not applicable.

(Contd. on page 6)

(Contd. of page 5)

kinematic:	Not applicable.

· **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

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11 Toxicological information

· **Information on toxicological effects**

· **Acute toxicity**

· **LD/LC50 values that are relevant for classification:**

1305-62-0 calcium dihydroxide		
Oral	LD50	7340 mg/kg (rat)
1317-65-3 Calcium carbonate		
Oral	LD50	>2000 mg/kg (rat)
Dermal	LD50	>2000 mg/kg (rat)
13463-67-7 titanium dioxide		
Oral	LD50	>10000 mg/kg (rat)
Dermal	LD50	>10000 mg/kg (rabbit)
Inhalative	LC50/4 h	>6.8 mg/l (rat)

· **Primary irritant effect:**

· **Skin corrosion or irritation**	Irritant for skin and mucous membranes.
· **Serious eye damage or eye irritation**	Strong irritant with the danger of severe eye injury.
· **Respiratory / skin sensitization**	No sensitizing effect known.
· **Additional toxicological information:**	When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

(Contd. on page 7)

(Contd. of page 6)

The material is not subject to classification according to EC lists in the last version.

· **CMR effects (carcinogenity, mutagenicity and toxicity for reproduction)** Carc. 2

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12 Ecological information

· **Toxicity**

· **Aquatic toxicity:**	
1317-65-3 Calcium carbonate	
EC50/72h	>14 mg/l (Desmodesmus subspicatus)
LC50/96h	>10000 mg/l (Oncorhynchus mykiss)
LC50/48h	>1000 mg/l (Daphnia magna)
EC50/48h	>1000 mg/l (Daphnia magna)

· **Persistence and degradability** No further relevant information available.
· **Behaviour in environmental systems:**
· **Bioaccumulative potential** No further relevant information available.
· **Mobility in soil** No further relevant information available.
· **Additional ecological information:**
· **General notes:** Not known to be hazardous to water.
Do not allow undiluted product or large quantities of it to reach ground water, water bodies 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 information

· **Waste treatment methods**
· **Recommendation** Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

· **Uncleaned packagings:**
· **Recommendation:** Packaging can be reused or recycled after cleaning.

14 Transportation information

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

(Contd. on page 8)

Safety Data Sheet
according to P.U.(A) 310/2013

Printing date 20.10.2023 Version number 28 Revision: 20.10.2023

Trade name EXZELLENT STP historic Feinputz

(Contd. of page 7)

· **Transport hazard class(es)**	
· **ADR, ADN, IMDG, IATA**	
· **Class**	Void
· **Packing group**	
· **ADR, IMDG, IATA**	Void
· **Environmental hazards:**	
· **Marine pollutant:**	No
· **Special precautions for user**	Not applicable.
· **Transport in bulk according to Annex II of Marpol 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**

· **EHS reference list**
None of the ingredients is listed.

· **Directive 2012/18/EU**
· **Named dangerous substances - ANNEX I** None of the ingredients is listed.
· **Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

16 Other information

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· **Department issuing data specification sheet:** Environment protection department.
· **Contact:**
· **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
ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)
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 (REACH)
PNEC: Predicted No-Effect Concentration (REACH)

(Contd. on page 9)

Safety Data Sheet
according to P.U.(A) 310/2013

Printing date 20.10.2023 Version number 28 Revision: 20.10.2023

Trade name EXZELLENT STP historic Feinputz

(Contd. of page 8)

LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent
PBT: Persistent, Bioaccumulative and Toxic
vPvB: very Persistent and very Bioaccumulative
Skin Irrit. 2: Skin corrosion or irritation – Category 2
Eye Dam. 1: Serious eye damage or eye irritation – Category 1
Carc. 2: Carcinogenicity – Category 2
STOT SE 3: Specific target organ toxicity (single exposure) – Category 3

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