

MINPUR DP1 / IBB Wand-Beschichtung (Design-Pulver Nr.1 / Industrie-Beton-Beschichtung) weiss-farbig
MINPUR DP1 / IBB Boden Beschichtung (Design-Pulver Nr.1 / Industrie-Beton-Beschichtung-Böden) weiss-farbig
MINPUR SBK-08 Sichtbetonkosmetik Rep-hell (Reparaturmörtel-hell) grau-farbig
MINPUR SBK-08 Sichtbetonkosmetik Be-dunkel (Betonkosmetik-Pulver-dunkel) grau-farbig
MINPUR SBK-08 Sichtbetonkosmetik SSP (Sichtbetonkosmetik-Strukturspachtel-Pulver) weiss-farbig

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)

Date of issue: 17/5/2018 Revision date: 17/5/2018 Supersedes: 26/2/2018 Version: 4.00

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

1.1. Product identifier

Trade name : MINPUR DP1 / IBB Wand-Beschichtung (Design-Pulver Nr.1 / Industrie-Beton-Beschichtung) weiss-farbig
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1.2. Relevant identified uses of the substance or mixture and uses advised against

1.2.1. Relevant identified uses

Use of the substance/mixture : Fairfaced concrete cosmetic

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Supplier

SYNFOLA GmbH
Seestrasse 24 C
8806 Bäch SZ - Schweiz
T +41 (0)55 283 36 90 - F +41 (0)55 283 36 91

Email competent person

sds@kft.de

1.4. Emergency telephone number

Emergency number : National Health Service (NHS)
24 hour national number consumer
England and Scotland: 111
Wales: 0845 46 47
Northern Ireland: call your local General Practitioner

Call 999 if there is a life-threatening incident.

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

Skin corrosion/irritation, Category 2 H315

Serious eye damage/eye irritation, Category 1 H318

Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation H335

Full text of H statements : see section 16

Adverse physicochemical, human health and environmental effects

May cause respiratory irritation. Causes skin irritation. Causes serious eye damage.

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2.2. Label elements

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

Hazard pictograms (CLP) :



GHS05

GHS07

Signal word (CLP) :

Danger

Hazardous ingredients :

Cement, portland, chemicals

Hazard statements (CLP) :

H315 - Causes skin irritation.
H318 - Causes serious eye damage.
H335 - May cause respiratory irritation.

Precautionary statements (CLP) :

P261 - Avoid breathing dust.
P280 - Wear protective gloves, eye protection.
P264 - Wash hands thoroughly after handling.
P305+P351+P338+P310 - 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, a doctor.
P310 - Immediately call a POISON CENTER, a doctor.
P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P403+P233 - Store in a well-ventilated place. Keep container tightly closed.

2.3. Other hazards

No additional information available

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Quartz (SiO ₂) substance with a Community workplace exposure limit substance with national workplace exposure limit(s) (GB)	(CAS-No.) 14808-60-7 (EC-No.) 238-878-4	25 - 50	Not classified
Cement, portland, chemicals	(CAS-No.) 65997-15-1 (EC-No.) 266-043-4	25 - 50	Skin Irrit. 2, H315 Eye Dam. 1, H318 STOT SE 3, H335
Calcium carbonate substance with national workplace exposure limit(s) (GB)	(CAS-No.) 1317-65-3 (EC-No.) 215-279-6	10 - 20	Not classified
titanium dioxide substance with a Community workplace exposure limit substance with national workplace exposure limit(s) (GB)	(CAS-No.) 13463-67-7 (EC-No.) 236-675-5		Not classified

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. Call a poison center or a doctor if you feel unwell.
- First-aid measures after skin contact : Wash skin with plenty of water. Take off contaminated clothing. If skin irritation occurs: Get medical advice/attention.
- First-aid measures after eye contact : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a physician immediately.
- First-aid measures after ingestion : Rinse mouth. Do not induce vomiting. Call a physician immediately.

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

- Symptoms/effects after inhalation : May cause respiratory irritation.

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Symptoms/effects after skin contact : Irritation.
Symptoms/effects after eye contact : Serious damage to eyes.

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 : The product is not combustible and does not support any combustion. Use fire fighting measures suiting the environment.

Unsuitable extinguishing media : No information available.

5.2. Special hazards arising from the substance or mixture

Hazardous decomposition products in case of fire : None known.

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.

Other information : Do not allow run-off from fire fighting to enter drains or water courses.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures : Avoid contact with skin and eyes. Ensure adequate air ventilation. Avoid dust formation. Do not breathe dust. Keep public away from danger area. Use protective clothing.

6.1.1. For non-emergency personnel

Protective equipment : Wear personal protective equipment.

Emergency procedures : Ventilate spillage area. Avoid breathing dust. Avoid contact with skin and eyes.

Measures in case of dust release : Provide adequate ventilation to minimize dust concentrations. Do not breathe dust.

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".

6.2. Environmental precautions

Avoid release to the environment. Prevent entry to sewers and public waters. Notify authorities if product enters sewers or public waters.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Mechanically recover the product. Ensure adequate air ventilation. Disposal must be done according to official regulations.

6.4. Reference to other sections

Information for safe handling. See section 7. Concerning personal protective equipment to use, see section 8. For further information refer to section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Use only outdoors or in a well-ventilated area. Avoid breathing dust. Avoid contact with skin and eyes. Wear personal protective equipment.

Hygiene measures : Wash contaminated clothing before reuse. 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 container tightly closed.

Incompatible materials : Water, humidity.

Information about storage in one common storage facility : Keep away from food, drink and animal feeding stuffs. Store away from Acids.

7.3. Specific end use(s)

No additional information available

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SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Quartz (SiO₂) (14808-60-7)		
EU	Local name	Silica crystalline (Quartz)
EU	Notes	(Year of adoption 2003)
EU	Regulatory reference	SCOEL Recommendations
United Kingdom	Local name	Silica
United Kingdom	WEL TWA (mg/m ³)	0,1 mg/m ³ respirable crystalline
United Kingdom	Regulatory reference	EH40. HSE
Calcium carbonate (1317-65-3)		
United Kingdom	Local name	Calcium carbonate
United Kingdom	WEL TWA (mg/m ³)	10 mg/m ³ inhalable dust 4 mg/m ³ respirable
United Kingdom	Regulatory reference	EH40. HSE
Cement, portland, chemicals (65997-15-1)		
United Kingdom	Local name	Portland cement
United Kingdom	WEL TWA (mg/m ³)	10 mg/m ³ inhalable dust 4 mg/m ³ respirable dust
United Kingdom	Regulatory reference	EH40. HSE
titanium dioxide (13463-67-7)		
EU	Local name	Titanium dioxide
EU	Notes	(Ongoing)
EU	Regulatory reference	SCOEL Recommendations
United Kingdom	Local name	Titanium dioxide
United Kingdom	WEL TWA (mg/m ³)	4 mg/m ³ respirable 10 mg/m ³ total inhalable
United Kingdom	Observe general threshold limit for dust.	
United Kingdom	Regulatory reference	EH40. HSE

8.2. Exposure controls

Appropriate engineering controls:

Ensure good ventilation of the work station.

Hand protection:

Chemically resistant protective gloves. EN 374. Choosing the proper glove is a decision that depends not only on the type of material, but also on other quality features, which differ for each manufacturer. The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed. For undissolved solid substances following materials may be suitable: Nitrile rubber, Butyl rubber. Short term exposure. Neoprene

Eye protection:

Safety glasses

Skin and body protection:

Wear suitable protective clothing

Respiratory protection:

In case of unintentional release of substance, exceeding the occupational exposure limit value Breathing apparatus with filter, P1, P2.

Environmental exposure controls:

Avoid release to the environment.

Other information:

Always wash hands after handling the product.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Solid
Appearance	: Powder.
Colour	: According to product specification.

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Odour	: odourless.
Odour threshold	: No data available
pH	: No data available
pH solution	: 11 - 13,5
Relative evaporation rate (butylacetate=1)	: No data available
Melting point	: No data available
Freezing point	: Not applicable
Boiling point	: No data available
Flash point	: Not applicable
Auto-ignition temperature	: Not applicable
Decomposition temperature	: No data available
Flammability (solid, gas)	: Non flammable.
Vapour pressure	: No data available
Relative vapour density at 20 °C	: No data available
Relative density	: Not applicable
Density	: 2,8 - 3,2 g/cm ³
Solubility	: Miscible.
Log Pow	: No data available
Viscosity, kinematic	: Not applicable
Viscosity, dynamic	: No data available
Explosive properties	: Not explosive.
Oxidising properties	: Non oxidizing.
Explosive limits	: Not applicable

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

No additional information available.

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

Acids.

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 (oral)	: Not classified (Based on available data, the classification criteria are not met)
Acute toxicity (dermal)	: Not classified (Based on available data, the classification criteria are not met)
Acute toxicity (inhalation)	: Not classified (Based on available data, the classification criteria are not met)

titanium dioxide (13463-67-7)

LD50 oral rat	> 5000 mg/kg (female, (OECD 425 method))
LC50 inhalation rat (mg/l)	3,43 - 5,09 mg/l/4h (OECD 403 method)

Skin corrosion/irritation	: Causes skin irritation.
Additional information	: Prolonged or repeated contact may cause dermatitis by loss of natural skin fats

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Serious eye damage/irritation	: Causes serious eye damage.
Respiratory or skin sensitisation	: Not classified (Based on available data, the classification criteria are not met)
Germ cell mutagenicity	: Not classified (Based on available data, the classification criteria are not met)
Carcinogenicity	: Not classified (Based on available data, the classification criteria are not met)
Additional information	: Longer and/or strong inhalation of fine respirable crystalline silica can lead to pneumoconiosis (silicosis). The main symptoms include coughing and breathlessness. People suffering from silicosis have an increased risk of lung cancer. The dust exposure should be measured and monitored. The IARC (International Agency for research on cancer) argues that crystalline SiO ₂ , which is inhaled at work, can cause lung cancer in humans. It states, however, that this does not apply to all workplace conditions and all types of crystalline SiO ₂ . There are many indications that an increased risk of lung cancer for people that already had silicosis is limited. According to the current state of knowledge, the prevention of silicosis by meeting the current workplace limit value is ensured.
Reproductive toxicity	: Not classified
Additional information	: Based on available data, the classification criteria are not met
STOT-single exposure	: May cause respiratory irritation.
STOT-repeated exposure	: Not classified (Based on available data, the classification criteria are not met)

titanium dioxide (13463-67-7)	
NOAEL (oral, rat, 90 days)	962 - 1000 mg/kg bodyweight/day (OECD 408 method)
Aspiration hazard	: Not classified (Not specifically applicable)

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general	: No ecotoxicological data about this product are known.
Acute aquatic toxicity	: Not classified (Based on available data, the classification criteria are not met)
Chronic aquatic toxicity	: Not classified (Based on available data, the classification criteria are not met)

titanium dioxide (13463-67-7)	
LC50 fish 1	> 10000 mg/l (96 h; Cyprinodon variegatus; (OECD 203 method))
EC50 Daphnia 1	> 100 mg/l (48 h; Daphnia magna; (OECD 202 method))
ErC50 (algae)	> 100 mg/l (72 h; Pseudokirchnerella subcapitata; (OECD 201 method))
NOEC chronic crustacea	>= 2,92 mg/l (21 d; Daphnia magna; (OECD 211 method))
NOEC chronic algae	> 100 mg/l (72 h; Pseudokirchnerella subcapitata; (OECD 201 method))

12.2. Persistence and degradability

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Persistence and degradability	Not applicable for inorganic substances.

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

Component	
Quartz (SiO ₂) (14808-60-7)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII
Calcium carbonate (1317-65-3)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII
Cement, portland, chemicals (65997-15-1)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

12.6. Other adverse effects

No additional information available

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SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste treatment methods : Disposal must be done according to official regulations. Do not dispose of with domestic waste. Do not discharge into drains or the environment.

HP Code : HP4 - "Irritant — skin irritation and eye damage:" waste which on application can cause skin irritation or damage to the eye.
 HP5 - "Specific Target Organ Toxicity (STOT)/Aspiration Toxicity:" waste which can cause specific target organ toxicity either from a single or repeated exposure, or which cause acute toxic effects following aspiration.

SECTION 14: Transport information

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

ADR	IMDG	IATA	ADN	RID
14.1. UN number				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
14.2. UN proper shipping name				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
14.3. Transport hazard class(es)				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
14.4. Packing group				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
14.5. Environmental hazards				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
No supplementary information available				

14.6. Special precautions for user

- Overland transport

Not regulated

- Transport by sea

Not regulated

- Air transport

Not regulated

- Inland waterway transport

Not regulated

- Rail transport

Not regulated

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

15.1.2. National regulations

No additional information available

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

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SECTION 16: Other information

Indication of changes:

General revision. Disposal considerations.

Section	Changed item	Change	Comments
1	Trade name	Modified	

Department issuing data specification sheet: : KFT Chemieservice GmbH
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 Safety Data Sheet Service: +49 6155 8981-522

Contact person : Angelika Torges

Full text of H- and EUH-statements:

Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Skin Irrit. 2	Skin corrosion/irritation, Category 2
STOT SE 3	Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation
H315	Causes skin irritation.
H318	Causes serious eye damage.
H335	May cause respiratory irritation.

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:

Skin Irrit. 2	H315	Calculation method
Eye Dam. 1	H318	Calculation method
STOT SE 3	H335	Calculation method

KFT SDS EU 00

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