

GB

Page 1 of 13

Safety data sheet according to Regulation (EC) No 1907/2006, Annex II

Revision date / version: 11.08.2015 / 0002

Replacing version dated / version: 25.02.2015 / 0001

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VELOSIT WP 101, WP 102, WP 120, CP 201, RM 202, RM 203, RM 204, RM 205, FF220, PC221, PC 222, SC 241, SL 501, SL

502, SL 503, NG 511, DK 701, RM 223, RM 224, LS 225, SL 504

Safety data sheet according to Regulation (EC) No 1907/2006, Annex II

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

1.1 Product identifier

VELOSIT WP 101, WP 102, WP 120, CP 201, RM 202, RM 203, RM 204, RM 205, FF220, PC221, PC 222, SC 241, SL 501, SL 502, SL 503, NG 511, DK 701, RM 223, RM 224, LS 225, SL 504

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

Relevant identified uses of the substance or mixture:

Building material

Uses advised against:

No information available at present.

1.3 Details of the supplier of the safety data sheet

GB

VELOSIT GmbH & Co. KG, Industriepark 7, 32805 Horn-Bad Meinberg (OT Belle), Germany

Phone: +49-5233-9517-302 / +49-160-3223033, Fax: +49-5233-9517-301

elvira@velosit.de, www.velosit.de

Qualified person's e-mail address: info@chemical-check.de, k.schnurbusch@chemical-check.de Please DO NOT use for requesting Safety Data Sheets.

1.4 Emergency telephone number

Emergency information services / official advisory body:

Telephone number of the company in case of emergencies:

+49-5233-9517-300 (Mo.–Fr., 8.00–16.00)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) 1272/2008 (CLP)

Hazard class	Hazard category	Hazard statement
STOT SE	3	H335-May cause respiratory irritation.
Skin Irrit.	2	H315-Causes skin irritation.
Eye Dam.	1	H318-Causes serious eye damage.

2.2 Label elements

Labeling according to Regulation (EC) 1272/2008 (CLP)

Safety data sheet according to Regulation (EC) No 1907/2006, Annex II

Revision date / version: 11.08.2015 / 0002

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Danger

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

P261-Avoid breathing dust or spray. P280-Wear protective gloves and eye protection/face protection.

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.

Portland cement

Flue dust, portland cement

2.3 Other hazards

The mixture does not contain any vPvB substance (vPvB = very persistent, very bioaccumulative) or is not included under XIII of the regulation (EC) 1907/2006.

The mixture does not contain any PBT substance (PBT = persistent, bioaccumulative, toxic) or is not included under XIII of the regulation (EC) 1907/2006.

In case of contact with water:

Note pH value

SECTION 3: Composition/information on ingredients

3.1 Substance

n.a.

3.2 Mixture

Portland cement	
Registration number (REACH)	--
Index	---
EINECS, ELINCS, NLP	266-043-4
CAS	65997-15-1
content %	<100
Classification according to Regulation (EC) 1272/2008 (CLP)	STOT SE 3, H335 Skin Irrit. 2, H315 Eye Dam. 1, H318
Flue dust, portland cement	
Registration number (REACH)	-
Index	---
EINECS, ELINCS, NLP	270-659-9
CAS	68475-76-3
content %	<2,5
Classification according to Regulation (EC) 1272/2008 (CLP)	Skin Irrit. 2, H315 Eye Dam. 1, H318 STOT SE 3, H335

For the text of the H-phrases and classification codes (GHS/CLP), see Section 16.

Page 3 of 13

Safety data sheet according to Regulation (EC) No 1907/2006, Annex II

Revision date / version: 11.08.2015 / 0002

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502, SL 503, NG 511, DK 701, RM 223, RM 224, LS 225, SL 504

The substances named in this section are given with their actual, appropriate classification!

For substances that are listed in appendix VI, table 3.1/3.2 of the regulation (EC) no. 1272/2008 (CLP regulation) this means that all notes that may be given here for the named classification have been taken into account.

SECTION 4: First aid measures

4.1 Description of first aid measures

Inhalation

Remove person from danger area.

Supply person with fresh air and consult doctor according to symptoms.

Skin contact

Remove polluted, soaked clothing immediately, wash thoroughly with plenty of water and soap, in case of irritation of the skin (flare), consult a doctor.

Eye contact

Do not rub.

Remove contact lenses.

Wash thoroughly for several minutes using copious water - call doctor immediately, have Data Sheet available.

Protect uninjured eye.

Follow-up examination by an ophthalmologist

Ingestion

Rinse the mouth thoroughly with water.

Do not induce vomiting - give copious water to drink. Consult doctor immediately.

4.2 Most important symptoms and effects, both acute and delayed

If applicable delayed symptoms and effects can be found in section 11 and the absorption route in section 4.1.

In certain cases, the symptoms of poisoning may only appear after an extended period / after several hours.

The following may occur:

Corneal damage.

Reaction with humidity of skin.

Dermatitis (skin inflammation)

Irritation of the skin.

On dust formation:

Coughing

Irritant to mucosa of the nose and throat

Irritation of the respiratory tract

4.3 Indication of any immediate medical attention and special treatment needed

n.c.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

Product is not combustible.

Adapt to the nature and extent of fire.

Unsuitable extinguishing media

None known

5.2 Special hazards arising from the substance or mixture

In case of fire the following can develop:

Oxides of carbon

Metal oxides

Toxic gases

5.3 Advice for firefighters

In case of fire and/or explosion do not breathe fumes.

Protective respirator with independent air supply.

Dispose of contaminated extinction water according to official regulations.

SECTION 6: Accidental release measures

Safety data sheet according to Regulation (EC) No 1907/2006, Annex II

Revision date / version: 11.08.2015 / 0002

Replacing version dated / version: 25.02.2015 / 0001

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VELOSIT WP 101, WP 102, WP 120, CP 201, RM 202, RM 203, RM 204, RM 205, FF220, PC221, PC 222, SC 241, SL 501, SL 502, SL 503, NG 511, DK 701, RM 223, RM 224, LS 225, SL 504

6.1 Personal precautions, protective equipment and emergency procedures

Avoid build up of dust.

Ensure sufficient supply of air.

Avoid inhalation, and contact with eyes or skin.

6.2 Environmental precautions

If leakage occurs, dam up.

Resolve leaks if this possible without risk.

Prevent surface and ground-water infiltration, as well as ground penetration.

Prevent from entering drainage system.

6.3 Methods and material for containment and cleaning up

Pick up mechanically and dispose of according to Section 13.

6.4 Reference to other sections

For personal protective equipment see Section 8 and for disposal instructions see Section 13.

SECTION 7: Handling and storage

In addition to information given in this section, relevant information can also be found in section 8 and 6.1.

7.1 Precautions for safe handling

7.1.1 General recommendations

Avoid build up of dust.

Do not breathe dust.

Avoid contact with eyes or skin.

Eating, drinking, smoking, as well as food-storage, is prohibited in work-room.

Observe directions on label and instructions for use.

Use working methods according to operating instructions.

7.1.2 Notes on general hygiene measures at the workplace

General hygiene measures for the handling of chemicals are applicable.

Wash hands before breaks and at end of work.

Keep away from food, drink and animal feedingstuffs.

Remove contaminated clothing and protective equipment before entering areas in which food is consumed.

7.2 Conditions for safe storage, including any incompatibilities

Keep out of access to unauthorised individuals.

Store product closed and only in original packing.

Not to be stored in gangways or stair wells.




Protect from humidity.

7.3 Specific end use(s)

No information available at present.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

 Chemical Name	Portland cement	Content %:<100	
WEL-TWA: 10 mg/m3 (total inh. dust), 4 mg/m3 (res. dust)	WEL-STEL: ---	---	
Monitoring procedures:	---		
BMGV: ---	Other information: ---		
 Chemical Name	Flue dust, portland cement	Content %:<2,5	
WEL-TWA: 10 mg/m3 (total inh. dust), 4 mg/m3 (res. dust)	WEL-STEL: ---	---	
Monitoring procedures:	---		
BMGV: ---	Other information: ---		
 Chemical Name	general dust limit	Content %:	

Page 5 of 13
 Safety data sheet according to Regulation (EC) No 1907/2006, Annex II
 Revision date / version: 11.08.2015 / 0002
 Replacing version dated / version: 25.02.2015 / 0001
 Valid from: 11.08.2015
 PDF print date: 11.08.2015
 VELOSIT WP 101, WP 102, WP 120, CP 201, RM 202, RM 203, RM 204, RM 205, FF220, PC221, PC 222, SC 241, SL 501, SL 502, SL 503, NG 511, DK 701, RM 223, RM 224, LS 225, SL 504

WEL-TWA: 10 mg/m3 (inhal. dust), 4 mg/m3 (respir. dust)	WEL-STEL: ---	---
Monitoring procedures: ---		
BMGV: ---	Other information: ---	

Chemical Name	Calcium carbonate		Content %:
WEL-TWA: 4 mg/m3 (respirable dust), 10 mg/m3 (total inhalable dust)	WEL-STEL: ---	---	---
Monitoring procedures: ---			
BMGV: ---	Other information: ---		

Chemical Name	Silica, amorphous		Content %:
WEL-TWA: 6 mg/m3 (total inh. dust), 2,4 mg/m3 (resp. dust)	WEL-STEL: ---	---	---
Monitoring procedures: ---			
BMGV: ---	Other information: ---		

Chemical Name	Calcium sulphate		Content %:
WEL-TWA: 10 mg/m3 (Gypsum/Plaster of Paris, total inhalable dust), 4 mg/m3 (Gypsum/Plaster of Paris, res. dust)	WEL-STEL: ---	---	---
Monitoring procedures: ---			
BMGV: ---	Other information: ---		

WEL-TWA = Workplace Exposure Limit - Long-term exposure limit (8-hour TWA (= time weighted average) reference period) EH40. AGW = "Arbeitsplatzgrenzwert" (workplace limit value, Germany). | WEL-STEL = Workplace Exposure Limit - Short-term exposure limit (15-minute reference period). | BMGV = Biological monitoring guidance value EH40. BGW = "Biologischer Grenzwert" (biological limit value, Germany) | Other information: Sen = Capable of causing occupational asthma. Sk = Can be absorbed through skin. Carc = Capable of causing cancer and/or heritable genetic damage.
 ** = The exposure limit for this substance is repealed through the TRGS 900 (Germany) of January 2006 with the goal of revision.

Calcium sulphate						
Area of application	Exposure route / Environmental compartment	Effect on health	Descriptor	Value	Unit	Note
Workers / employees	Human - inhalation	Short term, systemic effects	DNEL	5082	mg/m3	
Workers / employees	Human - inhalation	Long term, systemic effects	DNEL	21,17	mg/m3	
Consumer	Human - inhalation	Short term, systemic effects	DNEL	3811	mg/m3	
Consumer	Human - inhalation	Long term, systemic effects	DNEL	5,29	mg/m3	
Consumer	Human - oral	Short term, systemic effects	DNEL	11,4	mg/kg bw/day	
Consumer	Human - oral	Long term, systemic effects	DNEL	1,52	mg/kg bw/day	
	Environment - sewage treatment plant		PNEC	100	mg/l	

8.2 Exposure controls

8.2.1 Appropriate engineering controls

Ensure good ventilation. This can be achieved by local suction or general air extraction.
 If this is insufficient to maintain the concentration under the WEL or AGW values, suitable breathing protection should be worn.
 Applies only if maximum permissible exposure values are listed here.

8.2.2 Individual protection measures, such as personal protective equipment

General hygiene measures for the handling of chemicals are applicable.
 Wash hands before breaks and at end of work.

Page 6 of 13

Safety data sheet according to Regulation (EC) No 1907/2006, Annex II

Revision date / version: 11.08.2015 / 0002

Replacing version dated / version: 25.02.2015 / 0001

Valid from: 11.08.2015

PDF print date: 11.08.2015

VELOSIT WP 101, WP 102, WP 120, CP 201, RM 202, RM 203, RM 204, RM 205, FF220, PC221, PC 222, SC 241, SL 501, SL

502, SL 503, NG 511, DK 701, RM 223, RM 224, LS 225, SL 504

Keep away from food, drink and animal feedingstuffs.

Remove contaminated clothing and protective equipment before entering areas in which food is consumed.

Eye/face protection:

Tight fitting protective goggles with side protection (EN 166).

Skin protection - Hand protection:

Chemical resistant protective gloves (EN 374).

Recommended

Nitrile-soaked cotton gloves with CE sign EN 374)

Protective hand cream recommended.

Unsuitable material:

Leather gloves

The breakthrough times determined in accordance with EN 374 Part 3 were not obtained under practical conditions.

The recommended maximum wearing time is 50% of breakthrough time.

Skin protection - Other:

Protective working garments (e.g. safety shoes EN ISO 20345, long-sleeved protective working garments).

Respiratory protection:

Normally not necessary.

If OES or MEL is exceeded.

Filter P1 (EN 143), code colour white

Observe wearing time limitations for respiratory protection equipment.

Thermal hazards:

Not applicable

Additional information on hand protection - No tests have been performed.

In the case of mixtures, the selection has been made according to the knowledge available and the information about the contents.

Selection of materials derived from glove manufacturer's indications.

Final selection of glove material must be made taking the breakthrough times, permeation rates and degradation into account.

Selection of a suitable glove depends not only on the material but also on other quality characteristics and varies from manufacturer to manufacturer.

In the case of mixtures, the resistance of glove materials cannot be predicted and must therefore be tested before use.

The exact breakthrough time of the glove material can be requested from the protective glove manufacturer and must be observed.

8.2.3 Environmental exposure controls

No information available at present.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state:	Solid
Colour:	According to specification
Odour:	Slightly
Odour threshold:	Not determined
pH-value:	Not determined
Melting point/freezing point:	Not determined
Initial boiling point and boiling range:	Not determined
Flash point:	n.a.
Evaporation rate:	Not determined
Flammability (solid, gas):	Not determined
Lower explosive limit:	Not determined
Upper explosive limit:	Not determined
Vapour pressure:	Not determined
Vapour density (air = 1):	Not determined
Density:	Not determined
Bulk density:	Not determined
Solubility(ies):	Not determined

Page 7 of 13

Safety data sheet according to Regulation (EC) No 1907/2006, Annex II

Revision date / version: 11.08.2015 / 0002

Replacing version dated / version: 25.02.2015 / 0001

Valid from: 11.08.2015

PDF print date: 11.08.2015

VELOSIT WP 101, WP 102, WP 120, CP 201, RM 202, RM 203, RM 204, RM 205, FF220, PC221, PC 222, SC 241, SL 501, SL

502, SL 503, NG 511, DK 701, RM 223, RM 224, LS 225, SL 504

Water solubility:	reacts with water
Partition coefficient (n-octanol/water):	Not determined
Auto-ignition temperature:	Not determined
Decomposition temperature:	Not determined
Viscosity:	Not determined
Explosive properties:	Not determined
Oxidising properties:	No

9.2 Other information

Miscibility:	Not determined
Fat solubility / solvent:	Not determined
Conductivity:	Not determined
Surface tension:	Not determined
Solvents content:	Not determined

SECTION 10: Stability and reactivity

10.1 Reactivity

The product has not been tested.

10.2 Chemical stability

Stable with proper storage and handling.

10.3 Possibility of hazardous reactions

No dangerous reactions are known.

10.4 Conditions to avoid

Protect from humidity.

10.5 Incompatible materials

See also section 7.

Avoid contact with strong acids.

10.6 Hazardous decomposition products

See also section 5.2

No decomposition when used as directed.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Possibly more information on health effects, see Section 2.1 (classification).

VELOSIT WP 101, WP 102, WP 120, CP 201, RM 202, RM 203, RM 204, RM 205, FF220, PC221, PC 222, SC 241, SL 501, SL 502, SL 503, NG 511, DK 701, RM 223, RM 224, LS 225, SL 504

Toxicity / effect	Endpoint	Value	Unit	Organism	Test method	Notes
Acute toxicity, by oral route:						n.d.a.
Acute toxicity, by dermal route:						n.d.a.
Acute toxicity, by inhalation:						n.d.a.
Skin corrosion/irritation:						n.d.a.
Serious eye damage/irritation:						n.d.a.
Respiratory or skin sensitisation:						n.d.a.
Germ cell mutagenicity:						n.d.a.
Carcinogenicity:						n.d.a.
Reproductive toxicity:						n.d.a.
Specific target organ toxicity - single exposure (STOT-SE):						n.d.a.
Specific target organ toxicity - repeated exposure (STOT-RE):						n.d.a.
Aspiration hazard:						n.d.a.

Page 8 of 13

Safety data sheet according to Regulation (EC) No 1907/2006, Annex II

Revision date / version: 11.08.2015 / 0002

Replacing version dated / version: 25.02.2015 / 0001

Valid from: 11.08.2015

PDF print date: 11.08.2015

VELOSIT WP 101, WP 102, WP 120, CP 201, RM 202, RM 203, RM 204, RM 205, FF220, PC221, PC 222, SC 241, SL 501, SL

502, SL 503, NG 511, DK 701, RM 223, RM 224, LS 225, SL 504

Symptoms:						n.d.a.
Other information:						Classification according to calculation procedure.

Portland cement						
Toxicity / effect	Endpoint	Value	Unit	Organism	Test method	Notes
Skin corrosion/irritation:						Irritant
Serious eye damage/irritation:						Intensely irritant
Serious eye damage/irritation:						Risk of serious damage to eyes.
Respiratory or skin sensitisation:						Low-chromate, Not sensitising
Respiratory or skin sensitisation:						Low-chromate
Specific target organ toxicity - single exposure (STOT-SE):						Irritation of the respiratory tract
Symptoms:						mucous membrane irritation
Specific target organ toxicity - single exposure (STOT-SE), inhalative:						Irritation of the respiratory tract

Calcium carbonate						
Toxicity / effect	Endpoint	Value	Unit	Organism	Test method	Notes
Acute toxicity, by oral route:	LD50	>5000	mg/kg	Rat		
Acute toxicity, by inhalation:						Mechanical irritation possible.
Serious eye damage/irritation:						Mechanical irritation possible.
Other information:						References

Calcium sulphate						
Toxicity / effect	Endpoint	Value	Unit	Organism	Test method	Notes
Acute toxicity, by oral route:	LD50	>10000	mg/kg			
Acute toxicity, by oral route:	LD50	>1581	mg/kg		OECD 420 (Acute Oral toxicity - Fixe Dose Procedure)	
Acute toxicity, by oral route:	LD50	>1581	mg/kg	Rat	OECD 420 (Acute Oral toxicity - Fixe Dose Procedure)	
Acute toxicity, by inhalation:	LC50	>2,61	mg/l	Rat	OECD 403 (Acute Inhalation Toxicity)	Maximum achievable concentration.
Skin corrosion/irritation:				Rabbit	OECD 404 (Acute Dermal Irritation/Corrosion)	Not irritant
Serious eye damage/irritation:				Rabbit	OECD 405 (Acute Eye Irritation/Corrosion)	Not irritant
Respiratory or skin sensitisation:				Guinea pig	OECD 406 (Skin Sensitisation)	No (skin contact)
Germ cell mutagenicity:					OECD 471 (Bacterial Reverse Mutation Test)	Negative

Page 9 of 13

Safety data sheet according to Regulation (EC) No 1907/2006, Annex II

Revision date / version: 11.08.2015 / 0002

Replacing version dated / version: 25.02.2015 / 0001

Valid from: 11.08.2015

PDF print date: 11.08.2015

VELOSIT WP 101, WP 102, WP 120, CP 201, RM 202, RM 203, RM 204, RM 205, FF220, PC221, PC 222, SC 241, SL 501, SL

502, SL 503, NG 511, DK 701, RM 223, RM 224, LS 225, SL 504

Reproductive toxicity:	NOAEL	790	mg/kg bw/d	Rat	OECD 422 (Combined Repeated Dose Tox. Study with the Reproduction/Develo pm. Tox. Screening Test)	
Symptoms:						coughing, constipation

SECTION 12: Ecological information

Possibly more information on environmental effects, see Section 2.1 (classification).

VELOSIT WP 101, WP 102, WP 120, CP 201, RM 202, RM 203, RM 204, RM 205, FF220, PC221, PC 222, SC 241, SL 501, SL 502, SL 503, NG 511, DK 701, RM 223, RM 224, LS 225, SL 504

Toxicity / effect	Endpoint	Time	Value	Unit	Organism	Test method	Notes
Toxicity to fish:							n.d.a.
Toxicity to daphnia:							n.d.a.
Toxicity to algae:							n.d.a.
Persistence and degradability:							n.d.a.
Bioaccumulative potential:							n.d.a.
Mobility in soil:							n.d.a.
Results of PBT and vPvB assessment							n.d.a.
Other adverse effects:							n.d.a.

Calcium carbonate

Toxicity / effect	Endpoint	Time	Value	Unit	Organism	Test method	Notes
Toxicity to fish:	LC50	96h	>1000 0	mg/l	Oncorhynchus mykiss		
Toxicity to daphnia:	EC50	48h	>1000	mg/l	Daphnia magna		
Toxicity to algae:	EC50	72h	>200	mg/l	Desmodesmus subspicatus		
Water solubility:			0,014	g/l			

Calcium sulphate

Toxicity / effect	Endpoint	Time	Value	Unit	Organism	Test method	Notes
Toxicity to fish:	LC50	96h	>79	mg/l	Lepomis macrochirus	OECD 203 (Fish, Acute Toxicity Test)	
Toxicity to fish:	LC50	96h	2980	mg/l	Lepomis macrochirus		
Toxicity to daphnia:	EC50	48h	>79	mg/l	Daphnia magna STRAUS	OECD 202 (Daphnia sp. Acute Immobilisation Test)	
Toxicity to algae:	EC50	72h	>79	mg/l	Selenastrum capricornutum	OECD 201 (Alga, Growth Inhibition Test)	
Toxicity to bacteria:	EC50	3h	>790	mg/l	activated sludge	OECD 209 (Activated Sludge, Respiration Inhibition Test (Carbon and Ammonium Oxidation))	

Page 10 of 13
 Safety data sheet according to Regulation (EC) No 1907/2006, Annex II
 Revision date / version: 11.08.2015 / 0002
 Replacing version dated / version: 25.02.2015 / 0001
 Valid from: 11.08.2015
 PDF print date: 11.08.2015
 VELOSIT WP 101, WP 102, WP 120, CP 201, RM 202, RM 203, RM 204, RM 205, FF220, PC221, PC 222, SC 241, SL 501, SL 502, SL 503, NG 511, DK 701, RM 223, RM 224, LS 225, SL 504

SECTION 13: Disposal considerations

13.1 Waste treatment methods

For the substance / mixture / residual amounts

EC disposal code no.:

The waste codes are recommendations based on the scheduled use of this product.

Owing to the user's specific conditions for use and disposal, other waste codes may be allocated under certain circumstances. (2014/955/EU)

10 13 11 wastes from cement-based composite materials other than those mentioned in 10 13 09 and 10 13 10

Recommendation:

Sewage disposal shall be discouraged.

Pay attention to local and national official regulations.

Allow product to harden.

E.g. dispose at suitable refuse site.

For contaminated packing material

Pay attention to local and national official regulations.

Suitable incineration plant.

15 01 01 paper and cardboard packaging

SECTION 14: Transport information

General statements

UN number: n.a.

Transport by road/by rail (ADR/RID)

UN proper shipping name:

Transport hazard class(es): n.a.

Packing group: n.a.

Classification code: n.a.

LQ (ADR 2015): n.a.

Environmental hazards: Not applicable

Tunnel restriction code:

Transport by sea (IMDG-code)

UN proper shipping name:

Transport hazard class(es): n.a.

Packing group: n.a.

Marine Pollutant: n.a.

Environmental hazards: Not applicable

Transport by air (IATA)

UN proper shipping name:

Transport hazard class(es): n.a.

Packing group: n.a.

Environmental hazards: Not applicable

Special precautions for user

Unless specified otherwise, general measures for safe transport must be followed.

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

Non-dangerous material according to Transport Regulations.

SECTION 15: Regulatory information

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

For classification and labelling see Section 2.

Observe restrictions:

Regulation (EC) No 1907/2006, Annex XVII

Portland cement

Flue dust, portland cement

Page 11 of 13
 Safety data sheet according to Regulation (EC) No 1907/2006, Annex II
 Revision date / version: 11.08.2015 / 0002
 Replacing version dated / version: 25.02.2015 / 0001
 Valid from: 11.08.2015
 PDF print date: 11.08.2015
 VELOSIT WP 101, WP 102, WP 120, CP 201, RM 202, RM 203, RM 204, RM 205, FF220, PC221, PC 222, SC 241, SL 501, SL 502, SL 503, NG 511, DK 701, RM 223, RM 224, LS 225, SL 504

Comply with trade association/occupational health regulations.
 Observe youth employment law (German regulation).
 Directive 2010/75/EU (VOC): 0 %

15.2 Chemical safety assessment

A chemical safety assessment is not provided for mixtures.

SECTION 16: Other information

Revised sections: 1 - 16
 These details refer to the product as it is delivered.
 Employee instruction/training in handling hazardous materials is required.

Classification and processes used to derive the classification of the mixture in accordance with the ordinance (EG) 1272/2008 (CLP):

Classification in accordance with regulation (EC) No. 1272/2008 (CLP)	Evaluation method used
STOT SE 3, H335	Classification according to calculation procedure.
Skin Irrit. 2, H315	Classification according to calculation procedure.
Eye Dam. 1, H318	Classification according to calculation procedure.

The following phrases represent the posted Hazard Class and Risk Category Code (GHS/CLP) of the product and the constituents (specified in Section 2 and 3).
 H315 Causes skin irritation.
 H318 Causes serious eye damage.
 H335 May cause respiratory irritation.

STOT SE — Specific target organ toxicity - single exposure - respiratory tract irritation
 Skin Irrit. — Skin irritation
 Eye Dam. — Serious eye damage

Any abbreviations and acronyms used in this document:

- AC Article Categories
- acc., acc. to according, according to
- ACGIH American Conference of Governmental Industrial Hygienists
- ADR Accord européen relatif au transport international des marchandises Dangereuses par Route (= European Agreement concerning the International Carriage of Dangerous Goods by Road)
- AOEL Acceptable Operator Exposure Level
- AOX Adsorbable organic halogen compounds
- approx. approximately
- Art., Art. no. Article number
- ATE Acute Toxicity Estimate according to Regulation (EC) 1272/2008 (CLP)
- BAM Bundesanstalt für Materialforschung und -prüfung (Federal Institute for Materials Research and Testing, Germany)
- BAuA Bundesanstalt für Arbeitsschutz und Arbeitsmedizin (= Federal Institute for Occupational Health and Safety, Germany)
- BCF Bioconcentration factor
- BGV Berufsgenossenschaftliche Vorschrift (= Accident Prevention Regulation)
- BHT Butylhydroxytoluol (= 2,6-Di-t-butyl-4-methyl-phenol)
- BMGV Biological monitoring guidance value (EH40, UK)
- BOD Biochemical oxygen demand
- BSEF Bromine Science and Environmental Forum
- bw body weight
- CAS Chemical Abstracts Service
- CEC Coordinating European Council for the Development of Performance Tests for Fuels, Lubricants and Other Fluids
- CESIO Comité Européen des Agents de Surface et de leurs Intermédiaires Organiques
- CIPAC Collaborative International Pesticides Analytical Council

Page 12 of 13

Safety data sheet according to Regulation (EC) No 1907/2006, Annex II

Revision date / version: 11.08.2015 / 0002

Replacing version dated / version: 25.02.2015 / 0001

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VELOSIT WP 101, WP 102, WP 120, CP 201, RM 202, RM 203, RM 204, RM 205, FF220, PC221, PC 222, SC 241, SL 501, SL 502, SL 503, NG 511, DK 701, RM 223, RM 224, LS 225, SL 504

CLP Classification, Labelling and Packaging (REGULATION (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures)

CMR carcinogenic, mutagenic, reproductive toxic

COD Chemical oxygen demand

CTFA Cosmetic, Toiletry, and Fragrance Association

DMEL Derived Minimum Effect Level

DNEL Derived No Effect Level

DOC Dissolved organic carbon

DT50 Dwell Time - 50% reduction of start concentration

DVS Deutscher Verband für Schweißen und verwandte Verfahren e.V. (= German Association for Welding and Allied Processes)

dw dry weight

e.g. for example (abbreviation of Latin 'exempli gratia'), for instance

EC European Community

ECHA European Chemicals Agency

EEA European Economic Area

EEC European Economic Community

EINECS European Inventory of Existing Commercial Chemical Substances

ELINCS European List of Notified Chemical Substances

EN European Norms

EPA United States Environmental Protection Agency (United States of America)

ERC Environmental Release Categories

ES Exposure scenario

etc. et cetera

EU European Union

EWC European Waste Catalogue

Fax. Fax number

gen. general

GHS Globally Harmonized System of Classification and Labelling of Chemicals

GWP Global warming potential

HET-CAM Hen's Egg Test - Chorionallantoic Membrane

HGWP Halocarbon Global Warming Potential

IARC International Agency for Research on Cancer

IATA International Air Transport Association

IBC Intermediate Bulk Container

IBC (Code) International Bulk Chemical (Code)

IC Inhibitory concentration

IMDG-code International Maritime Code for Dangerous Goods

incl. including, inclusive

IUCRLD International Uniform Chemical Information Database

LC lethal concentration

LC50 lethal concentration 50 percent kill

LCLo lowest published lethal concentration

LD Lethal Dose of a chemical

LD50 Lethal Dose, 50% kill

LDLo Lethal Dose Low

LOAEL Lowest Observed Adverse Effect Level

LOEC Lowest Observed Effect Concentration

LOEL Lowest Observed Effect Level

LQ Limited Quantities

MARPOL International Convention for the Prevention of Marine Pollution from Ships

n.a. not applicable

n.av. not available

n.c. not checked

n.d.a. no data available

NIOSH National Institute of Occupational Safety and Health (United States of America)

NOAEC No Observed Adverse Effective Concentration

NOAEL No Observed Adverse Effect Level

NOEC No Observed Effect Concentration

NOEL No Observed Effect Level

ODP Ozone Depletion Potential

OECD Organisation for Economic Co-operation and Development

Page 13 of 13

Safety data sheet according to Regulation (EC) No 1907/2006, Annex II

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org. organic
PAH polycyclic aromatic hydrocarbon
PBT persistent, bioaccumulative and toxic
PC Chemical product category
PE Polyethylene
PNEC Predicted No Effect Concentration
POCP Photochemical ozone creation potential
ppm parts per million
PROC Process category
PTFE Polytetrafluorethylene
REACH Registration, Evaluation, Authorisation and Restriction of Chemicals (REGULATION (EC) No 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals)
REACH-IT List-No. 9xx-xxx-x No. is automatically assigned, e.g. to pre-registrations without a CAS No. or other numerical identifier. List Numbers do not have any legal significance, rather they are purely technical identifiers for processing a submission via REACH-IT.
RID Règlement concernant le transport International ferroviaire de marchandises Dangereuses (= Regulation concerning the International Carriage of Dangerous Goods by Rail)
SADT Self-Accelerating Decomposition Temperature
SAR Structure Activity Relationship
SU Sector of use
SVHC Substances of Very High Concern
Tel. Telephone
ThOD Theoretical oxygen demand
TOC Total organic carbon
TRGS Technische Regeln für Gefahrstoffe (=Technical Regulations for Hazardous Substances)
UN RTDG United Nations Recommendations on the Transport of Dangerous Goods
VbF Verordnung über brennbare Flüssigkeiten (= Regulation for flammable liquids (Austria))
VOC Volatile organic compounds
vPvB very persistent and very bioaccumulative
WEL-TWA, WEL-STEL WEL-TWA = Workplace Exposure Limit - Long-term exposure limit (8-hour TWA (= time weighted average) reference period), WEL-STEL = Workplace Exposure Limit - Short-term exposure limit (15-minute reference period) (EH40, UK).
WHO World Health Organization
wwt wet weight

The statements made here should describe the product with regard to the necessary safety precautions - they are not meant to guarantee definite characteristics - but they are based on our present up-to-date knowledge. No responsibility.

These statements were made by:

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