SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006, as amended by Commission Regulation (EU) 2020/878

DE / EN

Capatect-Dämmkleber 185

Version	Revision Date:	SDS Number:	Date of last issue: 26.01.2023
3.0	09.02.2024	6008734	Date of first issue: 15.11.2019

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

1.1 Product identifier

Trade name : Capatect-Dämmkleber 185

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

Use of the Substance/Mixture : Cement

Recommended restrictions on use : within adequate application - none

1.3 Details of the supplier of the safety data sheet

Company : Caparol Farben Lacke GmbH
Roßdörfer Straße 50
64372 Ober-Ramstadt

Telephone : +496154710

Telefax : +4961547170222

Website :

E-mail address Responsible/issuing person : msds@dr-rmi.com

1.4 Emergency telephone

Emergency telephone 1 : +49613284463 GBK GmbH

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification (REGULATION (EC) No 1272/2008)

Skin irritation, Category 2	H315: Causes skin irritation.
Serious eye damage, Category 1	H318: Causes serious eye damage.
Specific target organ toxicity - single exposure, Category 3, Respiratory system	H335: May cause respiratory irritation.

2.2 Label elements

Labelling (REGULATION (EC) No 1272/2008)

Hazard pictograms :

Signal Word : Danger

Hazard Statements :

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

Precautionary Statements :

P101	If medical advice is needed, have product container or label at hand.
P102	Keep out of reach of children.

Prevention:

P271	Use only outdoors or in a well-ventilated area.
P280	Wear protective gloves/ eye protection/ face protection.

Response:

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/ doctor.

Storage:

P405	Store locked up.

Disposal:

P501	Dispose of contents/ container to an approved waste disposal plant.

Hazardous ingredients which must be listed on the label:

Cement, portland, chemicals

2.3 Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

Ecological information: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

Toxicological information: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

The product contains chromate reducers, as a result of which the water-soluble chromium (VI) content is less than 0,0002%. In the event of incorrect storage (ingress of moisture) or overlong storage, the chromate reducers contained in the product can lose their efficacy and a sensitising

effect of the cement / binding agent may occur in the event of contact with the skin (H317 or EUH203).

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Chemical nature : Cement mortar

Components

Chemical name	CAS-No. EC-No. Index-No. Registration number	Classification	Concentration (% w/w)
Cement, portland, chemicals	65997-15-1 266-043-4	Skin Sens. 1; H317 Skin Irrit. 2; H315 Eye Dam. 1; H318 STOT SE 3; H335	>= 20 - < 30
Flue dust, portland cement	68475-76-3 270-659-9 01-2119486767-17	Skin Sens. 1; H317 Skin Irrit. 2; H315 Eye Dam. 1; H318 STOT SE 3; H335	>= 0,1 - < 1
Substances with a workplace exposure limit :			
Quartz (SiO2)	14808-60-7 238-878-4 01-2120770509-45		>= 30 - < 50
Gypsum (Ca(SO4).2H2O)	13397-24-5		>= 1 - < 10

For explanation of abbreviations see section 16.

SECTION 4: First aid measures

4.1 Description of first-aid measures

General advice : Move out of dangerous area.
First aider needs to protect himself.
Never give anything by mouth to an unconscious person.

If inhaled : If symptoms persist, call a physician.
If breathed in, move person into fresh air.

In case of skin contact : If symptoms persist, call a physician.
Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes.

In case of eye contact : If eye irritation persists: Get medical advice/ attention.
IF IN EYES: Rinse cautiously with water for several minutes.
Remove contact lenses, if present and easy to do. Continue

rinsing.

If swallowed : Seek medical advice.
Clean mouth with water and drink afterwards plenty of water.
If swallowed, DO NOT induce vomiting.

4.2 Most important symptoms and effects, both acute and delayed

Risks : Eye contact with the powder (dry or wet) may cause serious and potentially irreversible injuries.
The powder (combined with perspiration) can form an alkaline solution. That may cause skin irritation.

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

4.3 Indication of any immediate medical attention and special treatment needed

Treatment : Show this material safety data sheet to the doctor in attendance.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media : Not combustible.
Do not use a solid water stream as it may scatter and spread fire.

Unsuitable extinguishing media : Not applicable

5.2 Special hazards arising from the substance or mixture

Specific hazards during fire fighting : Even diluted mixed products containing cement can cause irritation.
Aqueous cement suspensions have an alkaline effect.

5.3 Advice for firefighters

Further information : Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.
The product itself does not burn.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions : Ensure adequate ventilation.
Avoid dust formation.

6.2 Environmental precautions

Environmental precautions : If the product contaminates rivers and lakes or drains inform respective authorities.
Do not flush into surface water or sanitary sewer system.

6.3 Methods and material for containment and cleaning up

Methods for cleaning up : Collect spilled product while avoiding dust formation and dispose of it as described in Section 13.

Prevent dust from forming and collect any dust mechanically.

6.4 Reference to other sections

For personal protection see section 8., For further information see Section 7 of the safety data sheet. , For disposal considerations see section 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Advice on safe handling : For personal protection see section 8.
Even diluted mixed products containing cement can cause irritation.
Avoid contact with skin and eyes.
Avoid creating dust.

In addition, the current technical information for this product and its application on www.caparol.com must be observed.

Advice on protection against fire and explosion : The product is not flammable.

Hygiene measures : Wash hands before eating, drinking, or smoking. Do not eat, drink or smoke when using this product. Remove contaminated clothing and protective equipment before entering eating areas.

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage areas and containers : Observe label precautions. Keep in a dry, cool place.

Advice on common storage : Never allow product to get in contact with water during storage.
Do not store together with acids and ammonium salts.

Storage class (TRGS 510) : 13

Further information on storage stability : Aqueous cement suspensions have an alkaline effect.

7.3 Specific end use(s)

Specific use(s) : This information is not available.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational Exposure Limits

Components	CAS-No.	Value type (Form of exposure)	Control parameters	Basis
Quartz (SiO2)	14808-60-7	TWA (Respirable dust)	0,1 mg/m3	2004/37/EC
	Further information: Carcinogens or mutagens			
Gypsum (Ca(SO4).2H2O)	13397-24-5	AGW (Alveolate fraction)	6 mg/m3	DE TRGS 900

Derived No Effect Level (DNEL) according to Regulation (EC) No. 1907/2006:

Substance name	End Use	Routes of exposure	Potential health effects	Value
Flue dust, portland cement	Consumers	Inhalation	Acute local effects	4,00 mg/m3
	Consumers	Inhalation	Long-term local effects	1,00 mg/m3
	Workers	Inhalation	Acute local effects	4,00 mg/m3
	Workers	Inhalation	Long-term local effects	1,00 mg/m3

Predicted No Effect Concentration (PNEC) according to Regulation (EC) No. 1907/2006:

Substance name	Environmental Compartment	Value
Flue dust, portland cement	Sea water	3 µg/l
	Fresh water sediment	875
	Sea sediment	88
	Intermittent use/release	282 µg/l
	Soil	5 mg/kg dry weight (d.w.)
	Fresh water	28 µg/l
	Sewage treatment plant	6 mg/l

8.2 Exposure controls

Personal protective equipment

Eye/face protection : If dust develops or there is a danger of splashing, use protective goggles with side protection.

DGUV Regulation 112-192 - Use of eye and face protection

Hand protection
- Material : nitrile coated cotton gloves
- Break through time : > 480 min
- Glove thickness : 0,8 mm

Protective index	:	Class 6
Remarks	:	Keep a spare pair of gloves handy. If the chemical has soaked through to the skin, the gloves must be removed and disposed. DGUV Regulation 112-195 - Use of protective gloves
Skin and body protection	:	Remove and wash contaminated clothing before re-use. Choose body protection according to the amount and concentration of the dangerous substance at the work place. Safety shoes Long sleeved clothing Skin should be washed after contact.
Respiratory protection	:	Do not breathe dust. Breathing apparatus only if aerosol or dust is formed. DGUV Regulation 112-190 - Use of breathing equipment
Filter type	:	Half mask with a particle filter P2 (EN 143)

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state	:	powder
Color	:	gray
Odor	:	cement-like
Odor Threshold	:	Not relevant
Melting point/freezing point	:	Not applicable
Boiling point/boiling range	:	Not applicable
Flammability	:	The product is not flammable.
Upper explosion limit / Upper flammability limit	:	not determined

Lower explosion limit / Lower flammability limit	:	not determined
Flash point	:	Not applicable
Autoignition temperature	:	not determined
Decomposition temperature	:	Not applicable
pH	:	11 - 13 Concentration: 10 % in contact with water
Viscosity		
Viscosity, dynamic	:	Not applicable
Viscosity, kinematic	:	Not applicable
Flow time	:	Not applicable
Solubility(ies)		
Water solubility	:	insoluble
Partition coefficient: n-octanol/water	:	not determined
Vapor pressure	:	not determined
Relative density	:	not determined
Bulk density	:	1.340 - 1.440 kg/m3
Relative vapor density	:	not determined

9.2 Other information

Explosives	:	Not applicable

Oxidizing properties	:	Not applicable
Self-ignition	:	Not applicable
Evaporation rate	:	Not applicable

SECTION 10: Stability and reactivity

10.1 Reactivity

No dangerous reaction known under conditions of normal use.

10.2 Chemical stability

Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions

Hazardous reactions : No dangerous reaction known under conditions of normal use.

10.4 Conditions to avoid

Conditions to avoid : Exposure to air or moisture over prolonged periods.

10.5 Incompatible materials

Materials to avoid : humid air and water
Aluminum
Acids
Ammonium salts

10.6 Hazardous decomposition products

No hazardous decomposition products are known.

SECTION 11: Toxicological information

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

Acute toxicity

Not classified based on available information.

Skin corrosion/irritation

Causes skin irritation.

Product:

Result : Skin irritation

Serious eye damage/eye irritation

Causes serious eye damage.

Respiratory or skin sensitization

Skin sensitization

Not classified based on available information.

Respiratory sensitization

Not classified based on available information.

Germ cell mutagenicity

Not classified based on available information.

Carcinogenicity

Not classified based on available information.

Reproductive toxicity

Not classified based on available information.

STOT-single exposure

May cause respiratory irritation.

STOT-repeated exposure

Not classified based on available information.

Aspiration toxicity

Not classified based on available information.

11.2 Information on other hazards

Endocrine disrupting properties

Not classified based on available information.

Product:

Assessment	:	The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

SECTION 12: Ecological information

12.1 Toxicity

No data available

12.2 Persistence and degradability

No data available

12.3 Bioaccumulative potential

No data available

12.4 Mobility in soil

No data available

12.5 Results of PBT and vPvB assessment

Product:

Assessment : This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

12.6 Endocrine disrupting properties

Product:

Assessment : The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

12.7 Other adverse effects

Product:

Additional ecological information : An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product : Can be landfilled after concentration, when in compliance with local regulations.

Waste should not be disposed of via wastewater.

Contaminated packaging : Empty containers should be taken to an approved waste handling site for recycling or disposal.

Waste Code : used product
170904, mixed construction and demolition wastes other than those mentioned in 17 09 01, 17 09 02 and 17 09 03

unused product
170903*, other construction and demolition wastes (including mixed wastes) containing dangerous substances

SECTION 14: Transport information

14.1 UN number or ID number

ADN : Not regulated as a dangerous good

ADR : Not regulated as a dangerous good

RID	:	Not regulated as a dangerous good
IMDG	:	Not regulated as a dangerous good
IATA	:	UN 3335

14.2 UN proper shipping name

ADN	:	Not regulated as a dangerous good
ADR	:	Not regulated as a dangerous good
RID	:	Not regulated as a dangerous good
IMDG	:	Not regulated as a dangerous good
IATA	:	Aviation regulated solid, n.o.s. (Cement, portland, chemicals)

14.3 Transport hazard class(es)

ADN	:	Not regulated as a dangerous good
ADR	:	Not regulated as a dangerous good
RID	:	Not regulated as a dangerous good
IMDG	:	Not regulated as a dangerous good

Class	Subsidiary risks
9	

IATA	:	9

14.4 Packing group

ADN	:	Not regulated as a dangerous good
ADR	:	Not regulated as a dangerous good
RID	:	Not regulated as a dangerous good
IMDG	:	Not regulated as a dangerous good

IATA (Cargo)

Packing instruction (cargo aircraft)	:	956
Packing instruction (LQ)	:	Y956
Packing group	:	III
Labels	:	Miscellaneous

IATA (Passenger)

Packing instruction (passenger aircraft)	:	956
Packing instruction (LQ)	:	Y956
Packing group	:	III
Labels	:	Miscellaneous

14.5 Environmental hazards

ADN	:	Not regulated as a dangerous good
ADR	:	Not regulated as a dangerous good

RID	:	Not regulated as a dangerous good
IMDG	:	Not regulated as a dangerous good

14.6 Special precautions for user

The transport classification(s) provided herein are for informational purposes only, and solely based upon the properties of the unpackaged material as it is described within this Safety Data Sheet. Transportation classifications may vary by mode of transportation, package sizes, and variations in regional or country regulations.

14.7 Maritime transport in bulk according to IMO instruments

Not applicable for product as supplied.

SECTION 15: Regulatory information

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

REACH - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles (Annex XVII)	:	Conditions of restriction for the following entries should be considered: Number on list 75 If you intend to use this product as tattoo ink, please contact your vendor.
REACH - Candidate List of Substances of Very High Concern for Authorization (Article 59).	:	None
Regulation (EC) No 1005/2009 on substances that deplete the ozone layer	:	Not applicable
Regulation (EU) 2019/1021 on persistent organic pollutants (recast)	:	Not applicable
REACH - List of substances subject to authorisation (Annex XIV)	:	None

Seveso III: Directive 2012/18/EU of the European Parliament and of the Council on the control of major-accident hazards involving dangerous substances.	Not applicable

Water hazard class (Germany)	:	WGK 1 slightly water endangering Classification according to AwSV, Annex 1 (5.2)
.	:	ZP1 Products containing cement, low in chromate
Volatile organic compounds	:	Directive 2010/75/EU of 24 November 2010 on industrial emissions (integrated pollution prevention and control) Volatile organic compounds (VOC) content: < 0,01 %

Volatile organic compounds	:	Directive 2004/42/EC < 0.1 < 1 g/l

15.2 Chemical Safety Assessment

A Chemical Safety Assessment is not required for this mixture.

SECTION 16: Other information

Full text of H-Statements

H315	:	Causes skin irritation.
H317	:	May cause an allergic skin reaction.
H318	:	Causes serious eye damage.
H335	:	May cause respiratory irritation.

Full text of other abbreviations

Eye Dam.	:	Serious eye damage
Skin Irrit.	:	Skin irritation
Skin Sens.	:	Skin sensitization
STOT SE	:	Specific target organ toxicity - single exposure
2004/37/EC	:	Europe. Directive 2004/37/EC on the protection of workers from the risks related to exposure to carcinogens or mutagens at work
DE TRGS 900	:	Germany. TRGS 900 - Occupational exposure limit values.
2004/37/EC / TWA	:	Long term exposure limit
DE TRGS 900 / AGW	:	Time Weighted Average

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR - Agreement concerning the International Carriage of Dangerous Goods by Road; AIIC - Australian Inventory of Industrial Chemicals; ASTM - American Society for the Testing of Materials; bw - Body weight; CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECHA - European Chemicals Agency; EC-Number - European Community number; ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RID - Regulations concerning the International Carriage of Dangerous Goods by Rail; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; SVHC - Substance of Very High Concern; TCSI - Taiwan Chemical Substance Inventory; TECI - Thailand Existing Chemicals Inventory; TRGS - Technical Rule for Hazardous Substances; TSCA - Toxic Substances Control Act (United States); UN - United Nations; vPvB - Very Persistent and Very Bioaccumulative

Further information

Other information	:	No exposure scenario communication is required for this product according to REACH Regulation No. 1907/2006 EC. Communication of Uses is not required in accordance with REACH Article 31(1)(a) - registered substances / mixtures do not meet the criteria for classification as hazardous in accordance with Regulations 1272/2008 EC or 1999/45/EC.
Sources of key data used to	:	ECHA WebSite

compile the Material Safety Data Sheet	ACGIH (American Conference of Government Industrial Hygienists). 2014 TLVs and BEIs. Threshold Limit Values (TLVs) for chemical substances and physical agents and Biological Exposure Indices (BEIs) with Seventh Edition documentation. 2014 ACGIH, Cincinnati OH NIOSH - Registry of toxic effects of chemical substances ECDIN - Environmental Chemicals Data and Information Network - Joint Research Centre, Commission of the European Communities SAX'S - Dangerous properties of industrial materials GESTIS - Database on hazardous substances - Institut für Arbeitsschutz der Deutschen Gesetzlichen Unfallversicherung (IFA, Institute for Occupational Safety and Health of the German Social Accident Insurance) Toxnet - Toxicology Data Network

Classification of the mixture:		**Classification procedure:**
Skin Irrit. 2	H315	Based on product data or assessment
Eye Dam. 1	H318	Based on product data or assessment
STOT SE 3	H335	Calculation method

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

REACH Information

According to our legal obligation we implement the Regulation (EC) No 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH). We will adjust and update our safety data sheets on a regular base in accordance with the information of our upstream-suppliers. As usual we will inform you about the adjustments.
Regarding to the REACH regulation we would like to point out that DAW as a downstream user will not register on behalf of our company. We will rely on information from our suppliers. As soon as new information is available our safety data sheets will be amended accordingly.

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