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

1.1 Product identifier Trade name	: CapaCou	stic Mineralkleber 037/12			
1.2 Relevant identified uses of the	e substance	or mixture and uses advised against			
Use of the Sub- stance/Mixture	: Cement				
Recommended restrictions on use	: within ade	equate application - none			
1.3 Details of the supplier of the s	afety data s	heet			
Company	Roßdörfe	Farben Lacke GmbH r Straße 50 per-Ramstadt			
Telephone	: +4961547				
Telefax	: +4961547				
E-mail address Responsi- ble/issuing person	: msds@dr-rmi.com				
1.4 Emergency telephone number	r				
Emergency telephone num- : +49613284463 GBK GmbH ber 1					
SECTION 2: Hazards identifica	SECTION 2: Hazards identification				
2.1 Classification of the substanc	e or mixture				
Classification (REGULATION	(EC) No 127	22/2000)			
Skin irritation, Category 2		H315: Causes skin irritation.			
Serious eye damage, Category	/ 1	H318: Causes serious eye damage.			
Specific target organ toxicity - single ex- posure, Category 3, Respiratory system		H335: May cause respiratory irritation.			

## 2.2 Label elements

## Labelling (REGULATION (EC) No 1272/2008)



#### CapaCoustic Mineralkleber 037/12 Version **Revision Date:** Print Date Date of last issue: 14.11.2019 Date of first issue: 14.11.2019 1.1 16.11.2020 18.11.2020 Hazard pictograms Signal word Danger 2 Hazard statements H315 Causes skin irritation. H318 Causes serious eye damage. H335 May cause respiratory irritation. P101 If medical advice is needed, have product container or Precautionary statements label at hand. P102 Keep out of reach of children. **Prevention:** P260 Do not breathe dust or mist. P271 Use only outdoors or in a well-ventilated area. P280 Wear protective gloves/ eye 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.

#### Hazardous components which must be listed on the label:

Cement, portland, chemicals calcium dihydroxide

#### 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.

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 with hydrated lime

#### Components



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Chem	nical name	CAS-No. EC-No. Index-No.	Classification	Concentration (% w/w)
Ceme	ent, portland, chemicals	Registration 65997-15-1 266-043-4	Skin Irrit. 2; H315 Eye Dam. 1; H318 STOT SE 3; H335	>= 20 - < 30
calciu	calcium dihydroxide		Skin Irrit. 2; H315 Eye Dam. 1; H318 151-45, STOT SE 3; H335 534-42, 018-38	>= 1 - < 3
Subst	tances with a workplace	exposure limit :		
Quart	tz (SiO2)	14808-60-7 238-878-4 01-2120770	509-45	>= 50 - < 70
calciu	ım sulfate	7778-18-9 231-900-3 01-2119444	918-26	>= 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.



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## 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.

## 4.3 Indication of any immediate medical attention and special treatment needed

Treatment	: Show this safety data sheet to the doctor in attendance.
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## **SECTION 5: Firefighting measures**

<b>5.1 Extinguishing media</b> Suitable extinguishing media	:	Not combustible.		
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**

<b>6.1 Personal precautions, protect</b> Personal precautions	<ul> <li>ive equipment and emergency procedures</li> <li>Ensure adequate ventilation. Avoid dust formation.</li> </ul>
6.2 Environmental precautions	
Environmental precautions	<ul> <li>If the product contaminates rivers and lakes or drains inform respective authorities.</li> <li>Do not flush into surface water or sanitary sewer system.</li> </ul>
6.3 Methods and material for cont	ainment and cleaning up
Methods for cleaning up	: Collect spilled product while avoiding dust formation and dispose of it as described in Section 13.



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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.
7.2 Conditions for safe storage,	inc	luding 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 stor-
		age. Do not store together with acids and ammonium salts.
Storage class (TRGS 510)	:	13, Non Combustible Solids
Further information on stor- age stability	:	Aqueous cement suspensions have an alkaline effect.
7.3 Specific end use(s) Specific use(s)		This information is not available.
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## **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 inform	nation: Carcinogens	or mutagens					
calcium dihydrox- ide	1305-62-0	TWA (Respirable 1 mg/m3 2017/1 fraction)						
	Further inform	nation: Indicative						
		STEL (Respira- 4 mg/m3 2017/164/EU ble fraction)						
	Further inform	Further information: Indicative						
		AGW (Inhalable 1 mg/m3 DE TRGS						
		fraction)     900       Peak-limit: excursion factor (category): 2:(l)						
		Peak-limit: excursion factor (category): 2;(I)						
		Further information: When there is compliance with the OEL and biological						
		tolerance values, there is no risk of harming the unborn child, European Union						
			lue: deviations in value and					
	possible), Ser	possible), Senate commission for the review of compounds at the work place						
	dangerous for	dangerous for the health (MAK-commission).						
calcium sulfate	7778-18-9	B-9 AGW (Alveolate 6 mg/m3 DE TRGS 900						
	Further information: Senate commission for the review of compounds at the work place dangerous for the health (MAK-commission).							

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

Substance name	End Use	Exposure routes	Potential health ef-	Value
calcium dihydroxide	Workers	Inhalation	fects Acute systemic ef- fects	4,00 mg/m3
	Workers	Inhalation	Acute local effects	4,00 mg/m3
	Workers	Inhalation	Long-term systemic effects	1,00 mg/m3
calcium sulfate	Consumers	Inhalation	Long-term systemic effects	5,29 mg/m3
	Consumers	Ingestion	Acute systemic ef- fects	11,40 mg/kg bw/day
	Consumers	Inhalation	Acute systemic ef- fects	3811,00 mg/m3
	Workers	Inhalation	Acute systemic ef- fects	5082,00 mg/m3
	Workers	Inhalation	Long-term systemic effects	21,17 mg/m3
	Consumers	Ingestion	Long-term systemic	1,52 mg/kg



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

Substance name	Environmental Compartment	Value
calcium dihydroxide	Intermittent use/release	356 µg/l
	Fresh water	356 µg/l
	Soil	1070 mg/kg dry
		weight (d.w.)
	Marine water	356 µg/l
calcium sulfate	Sewage treatment plant	100 mg/l

### 8.2 Exposure controls

Personal protective equipment				
Eye protection :	If dust develops or there is a danger of splashing, use protec- tive goggles with side protection.			
	German trade association rules - BGR 192 Eye protection			
	Goggles			
Hand protection Material : Break through time : Glove thickness : Protective index :	nitrile coated cotton gloves > 480 min 0,8 mm 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.			
Skin and body protection :	Remove and wash contaminated clothing before re-use. Choose body protection according to the amount and con- centration 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.			
Filter type :	Half mask with a particle filter P2 (EN 143)			
	German trade association rules - BGR 190 Breathing protec- tion			



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## **SECTION 9: Physical and chemical properties**

9.1 Information on basic physical	lan	d chemical properties
Appearance	:	powder
Colour	:	No data available
Odour	:	cement-like
Odour Threshold	:	Not relevant
рН	:	ca. 11 - 13,5 Concentration: 10 % in contact with water
Melting point/freezing point	:	Not applicable
Boiling point/boiling range	:	Not applicable
Flash point	:	Not applicable
Evaporation rate	:	Not applicable
Flammability (solid, gas)	:	The product is not flammable.
Upper explosion limit / Upper flammability limit	:	not determined
Lower explosion limit / Lower flammability limit	:	not determined
Vapour pressure	:	not determined
Relative vapour density	:	not determined
Relative density	:	not determined
Solubility(ies) Water solubility	:	insoluble
Partition coefficient: n- octanol/water	:	not determined
Auto-ignition temperature	:	not determined
Decomposition temperature	:	Not applicable
Viscosity Viscosity, dynamic	:	Not applicable



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Explosive properties Oxidizing properties		<ul><li>Not applicable</li><li>Not applicable</li></ul>		
<b>9.2 Other information</b> Self-ignition		: Not applicable		

## **SECTION 10: Stability and reactivity**

### 10.1 Reactivity

#### 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.
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## 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 Aluminium Acids Ammonium salts

## **10.6 Hazardous decomposition products**

No hazardous decomposition products are known.

## **SECTION 11: Toxicological information**

## 11.1 Information on toxicological effects

#### Acute toxicity

## Product:

Acute oral toxicity	:	Remarks: Based on available data, the classification criteria are not met.
Acute inhalation toxicity	:	Remarks: Based on available data, the classification criteria are not met.
Acute dermal toxicity	:	Remarks: Based on available data, the classification criteria are not met.



CapaC	CapaCoustic Mineralkleber 037/12					
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Skin	corrosion/irritation					
Product:						
Rema	arks	:	May cause s	kin irritation and/or dermatitis.		
Serio	ous eye damage/eye ir	ritati	on			
Prod	uct:					
Rema	arks	:	May cause ir	reversible eye damage.		
Resp	iratory or skin sensiti	isatio	n			
Prod	uct:					
Rema	arks	:	No data avai	lable		
SECTION	12: Ecological info	orma	tion			
0201101						
12.1 Toxic	city					
Prod						
Toxic	Toxicity to fish : F		Remarks: No	b data is available on the product itself.		
	i <b>stence and degradab</b> ata available	ility				
	ccumulative potential ata available					
	lity in soil					
	ata available					
	ilts of PBT and vPvB a	asse	ssment			
Prod			<b>T</b> I's a location			
Asses	ssment	:	<ul> <li>This substance/mixture contains no components conside to be either persistent, bioaccumulative and toxic (PBT), very persistent and very bioaccumulative (vPvB) at levels 0.1% or higher</li> </ul>			
12.6 Othe	r adverse effects					
Prod	uct:					
Additi matio	ional ecological infor- n	:		ental hazard cannot be excluded in the event of al handling or disposal.		



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## **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 han- dling 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

	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
	ΙΑΤΑ	:	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
	ΙΑΤΑ	:	Aviation regulated solid, n.o.s. (Cement, portland, chemicals, calcium dihydroxide)
14.3	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



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	IMDG IATA		:	-	Not regulated as a dangerous good ๑		
14.4	14.4 Packing group			·			
	ADN		:	Not regulated as a dangerous good			
	ADR		:	Not regulated as	Not regulated as a dangerous good		
	RID		:	Not regulated as	a dangerous good		
	IMDG		:	Not regulated as	a dangerous good		
	Packin aircraf Packin	g instruction (LQ)	:	956 Y956 III Miscellaneous			
	IATA (Passenger) Packing instruction (passen- ger aircraft) Packing instruction (LQ) Packing group Labels		:	956 Y956 III Miscellaneous			
14.	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 Transport in bulk according to Annex II of Marpol and the IBC Code

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 : Not applicable the market and use of certain dangerous substances, preparations and articles (Annex XVII)



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		I - Candidate List of Su n for Authorisation (Art				:	This product is a mixture and does not contain Substances of Very High Concern (SVHC) equal or above 0.1%. Therefore no advised uses have to be defined and no chemical safety assessment has to be gener- ated.
	REACH (Annex	I - List of substances s XIV)	ubje	ect to authorisation		:	None
		III: Directive 2012/18/I accident hazards involv					and of the Council on the control of
	Water o (Germa	contaminating class	:	1 slightly wa Classification acco			ngering AwSV, Annex 1 (5.2)
		t code for laquers and Giscode	:	ZP1 Products cont	taini	ing ce	ement, low in chromate
			:	ZP1 Products cont	taini	ing ce	ement, low in chromate
	Volatile	organic compounds	:	Directive 2004/42/ < 0.1 % < 1 g/l	'EC		

## 15.2 Chemical safety assessment

A Chemical Safety Assessment is not required for this substance.

## **SECTION 16: Other information**

Full text of H-Statements							
H315	:	Causes skin irritation.					
H318	:	Causes serious eye damage.					
H335	:	May cause respiratory irritation.					
Full text of other abbreviation	ons						
Eye Dam.	:	Serious eye damage					
Skin Irrit.	:	Skin irritation					
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					
2017/164/EU	:	Europe. Commission Directive 2017/164/EU establishing a fourth list of indicative occupational exposure limit values					
DE TRGS 900	:						



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2017/1 2017/1	7/EC / TWA 64/EU / STEL 64/EU / TWA GS 900 / AGW	:	Long term exposu Short term exposu Limit Value - eigh Time Weighted A	ure limit t hours

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR - European 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 Coil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Convention for the Prevention to 50 % of a test population; LDSO - 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(AJEC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Loading Rate; NZIoC - New Zealand Inventory of Chemicals; GECD - Organization; Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PRI - Persistent, Bioaccumulative and Toxis substance; PICCS - Philippines Inventory of Chemicals Goods by Rail; SADT - Self-Accelerating Decomposition and Restriction of

### 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 compile the Safety Data Sheet:

ECHA WebSite

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 t	he mixture:	Classification procedure:
Skin Irrit. 2	H315	Calculation method
Eye Dam. 1	H318	Calculation method
STOT SE 3	H335	Calculation method



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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.

DE / EN