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Section 1: Identification of the substance or mixture and the company

1.1 Product Identifier

Brand names: IQ M UNIVERSAL

Article number: 0211

1.2 Relevant identified uses of the substance or mixture and uses advised against: Product category
PC9b Fillers, putty,
mortar, modeling clay Use of the substance / the mixture: Putty 1.3 Details of
the supplier of the safety data sheet Manufacturer/Supplier:

Remmers GmbH Bernhard- Remmers Str. 13 49624 Lönigen Tel.: 05432/83-0

Fax: 05432/3985

Department

providing information:

Product Safety

Department: Tel.:

05432/83 -138 or

-210 or -335 or -509

Email: ehs@remmers.de

1.4 Emergency

number: Poison Information Center North - 24h hotline: +49(0)551
- 19240 Poison Control Center Austria - 24h hotline +43(0)1 406 43 43

24h-Transport Emergency Contact Phone Number:

innerhalb Deutschlands: 0800 181 7059

within USA and Canada: 1-800-424-9300

outside USA and Canada: 001-703-527-3887

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Section 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No.

1272/2008: Skin Irrit. 2 H315 Causes skin irritation.

Eye Dam. 1 H318 Causes serious eye damage.

2.2 Label elements Labeling

according to Regulation (EC) No. 1272/2008: The product is
classified and labeled according to the CLP regulation.

Hazard pictograms:



GHS05

Signal word: Danger

Hazard-determining components of labelling: calcium
hydroxide cement

Hazard

statements: H315

Causes skin irritation.

H318 Causes serious eye damage.

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Safety instructions:

- P264 Wash contaminated body parts thoroughly after use.
 - P280 Wear protective gloves/eye protection/face protection.
 - P302+P352 IF ON SKIN: Wash with plenty of water.
 - P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes wash. If possible, remove contact lenses. Continue rinsing.
 - P332+P313 If skin irritation occurs: Get medical advice/attention.
 - P362+P364 Take off contaminated clothing and wash before reuse.
- 2.3 Other hazards low in chromate according to Directive 2003/53/EC Results of PBT and vPvB assessment PBT: Not applicable. vPvB: Not applicable.

Section 3: Composition/information on ingredients

3.2 Mixtures

Description: Mixture of substances listed below with harmless additions.

Dangerous ingredients [% m/m]: CAS:		
1305-62-0 EINECS: 215-137-3 Reg.nr.: 01-2119475151-45- XXXX CAS:	Calciumhydroxid ----- Eye Dam. 1, H318; Skin Irrit. 2, H315; STOT SE 3, H335	ÿ5-<10%
65997-15-1 EINECS: 266-043-4 add . Notes:	Time Eye ----- Dam. 1 , H318 ; Skin Irritated. 2 , H315 ; STOT SE 3, H3	ÿ5-<10%

For the wording of the listed risk phrases refer to section 16.

Section 4: First Aid Measures

4.1 Description of first aid measures General information:

- Immediately remove any clothing soiled by the product.
- After inhalation: If unconscious, store and transport in a stable side position.
- After skin contact: Wash off immediately with soap and water and rinse thoroughly. Wash off immediately with water.
- After eye contact: Rinse opened eye for several minutes under running water and consult a doctor.

After swallowing: Get medical advice immediately.
Information for the doctor: see point 3 4.2 Most important symptoms and effects, both acute and delayed: No further relevant information available.

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: No further relevant information available.

5.2 Special hazards arising from the substance or mixture: No further relevant information available.

5.3 Advice for firefighters Special protective equipment: No special measures required.

Section 6: Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures: Avoid dust formation.

Avoid skin contact. Avoid contact with eyes.
wear protective gear. Keep unprotected people away.

6.2 Environmental precautions: No special measures required.

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6.3 Methods and material for containment and cleaning up: Keep away from water.

Use neutralizing agent.

Dispose of contaminated material as waste according to Section 13.

6.4 Reference to other sections: See Section

7 for information on safe handling.

See Section 8 for information on personal protective equipment.

Information on disposal, see section 13.

* Section 7: Handling and Storage

7.1 Precautions for safe handling: Good dedusting.

Information on protection against fire and explosion: Do not fill into galvanized or aluminum containers.

No special actions required.

7.2 Conditions for safe storage, including any incompatibilities Storage: Requirements to be met by storerooms and containers:

In closed rooms protected from moisture. Dedusting according to BImSchG or TA Luft.

Information about storage in one common

storage facility: None. Further information on storage

conditions: Store in a dry place.

Protect from humidity and water.

Keep container tightly closed.

Storage class (TRGS 510): 11

Classification according to the Ordinance on Industrial Safety and Health (BetrSichV): - GISCode ZP1

* Section 8: Exposure controls/personal protective equipment

8.1 Parameters to be monitored Constituents

with workplace-related limit values to be monitored: CAS: 14808-60-7 quartz flour MAK respirable
fraction CAS: 1305-62-0 calcium
hydroxide AGW long-term value: 1E mg/
m ³
2(I);Y, EU, DFG
CAS: 65997-15-1 Zement
AGW long-term value: 5 E mg/m ³ DFG
CAS: 14808-60-7 Quarzmehl
MAK alveolar fraction Additional

information: The lists that were valid during the making were used as basis.

8.2 Exposure controls Appropriate engineering controls No further information, see Section 7.

Individual protective measures, such as personal protective equipment General protective and hygienic measures: Do not eat, drink, smoke or sniff at work.

Preventive skin protection with skin protection ointment.

Observe trade association regulations.

Keep away from food, drink and animal feedingstuffs.

Take off dirty, soaked clothes immediately.

Wash hands before breaks and at the end of work.

Avoid contact with eyes and skin.

The following personal protective equipment (PPE) information is intended as a suggestion.

The selection of the necessary PPE must be weighed up by the employer depending on the activities to be carried out and the local conditions. If it is determined during the on-site risk assessment that there is no danger to the employee, the wearing of PPE can be dispensed with or the scope of the PPE to be used accordingly

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be adjusted.

respiratory protection

If dust is generated:

Short-term filter device:

Particle filter FFP2 avg. EN 143 / 149.

Leaflet BGR 190 "Use of breathing apparatus"
handguard

BG leaflet M 004 "Caustic/irritant substances.

protective gloves.

The glove material has to be impermeable and resistant to the product/the substance/the
be preparation.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the
Degradation.

Glove material:

nitrile rubber

e.g. B. Tricotril from KCL. layer thickness 1.5 mm; Permeation dependent on operating conditions, acc.

Manufacturer information after max. 480 min (DIN EN 374). Alternatively, other gloves belonging to the category
3 according to EN 374. The instructions of the TRGS 401 and the DGUV Information 212-
007 to be observed.

The selection of a suitable glove is not only based on the material, but also on others

Dependent on quality features and varies from manufacturer to manufacturer. Because the product a
represents a mixture of several substances, the resistance of glove materials is not
predictable and must therefore be checked before use.

Penetration time of the glove material:

The determined breakthrough times according to EN 16523-1:2015 are not under practical conditions
carried out. There is therefore a maximum wearing time that corresponds to 50% of the breakthrough time
recommended.

The exact breakthrough time can be obtained from the manufacturer or supplier.

Eye/face protection

Leaflet BGR 192: "Use of eye and face protection".

Tight fitting safety goggles according to EN 166.

Body protection: Protective work clothing.

Section 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

General Information

Physical state	Color	fest
Odour:		whitish
Odor		weak, characteristic
threshold: Melting point/		Not determined
freezing point: Boiling point or initial		> 1000 °C
boiling point and		
Boiling range		Not determined
Flammability Lower		Not determined.
and upper explosion limits		
Lower:		Not determined.
Upper:		Not determined.
Flash point:		Not applicable.
Ignition temperature:		not applicable.
Decomposition temperature: pH		Not determined.
value (10 g/l) at 20 °C: Viscosity:		that. 12
Kinematic viscosity		Not applicable.
dynamic:		Not applicable.
solubility		
Water:		soluble
Partition coefficient n-octanol/water (log		
Value)		Not determined.
vapor pressure:		Not applicable.

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density and/or relative density	
Density:	Not determined
Relativ density:	Not determined.
bulk density:	ca. 1,2 kg/dm ³
vapor density:	Not applicable.
particle properties	See section 3.
9.2 Other information:	
Look:	
Form:	Pulver
Important health and safety information environmental protection and safety	
Explosive Properties: Change of state	The product is not explosive.
Evaporation Rate:	Not applicable.
Information on physical hazard classes	
Explosive substances/mixtures and articles with explosive	Not applicable.
Flammable gases	Not applicable.
Aerosols	Not applicable.
Oxidizing gases	Not applicable.
Gases under pressure	Not applicable.
Flammable liquids	Not applicable.
Flammable solids	Not applicable.
Self-reactive substances and mixtures	Not applicable.
Pyrophoric liquids	Not applicable.
Pyrophoric solids	Not applicable.
Self-heating substances and mixtures	Not applicable.
Substances and mixtures in contact with Water emits flammable gases	Oxidizing liquids not applicable
Oxidizing solids	Organic peroxides not applicable
Substances corrosive to metals	not applicable
	not applicable
and mixtures	not applicable
Desensitized substances/mixtures and products containing explosives	not applicable

Section 10: Stability and Reactivity

10.1 Reactivity: No further relevant information available.

10.2 Chemical stability

Thermal decomposition / conditions to avoid:

No decomposition if stored and handled as directed.

10.3 Possibility of hazardous reactions: No hazardous reactions known.

10.4 Conditions to avoid: No further relevant information available.

10.5 Incompatible materials: No further relevant information available.

10.6 Hazardous decomposition products: no hazardous decomposition products known.

Section 11: Toxicological Information

11.1 Information on the hazard classes within the meaning of Regulation (EC) No. 1272/2008

Acute toxicity: Based on the available data, the classification criteria are not met.

LD/LC50 values relevant for classification: No further relevant information available.

Skin corrosion/irritation: Causes skin irritation.

Serious eye damage/irritation: Causes serious eye damage.

Respiratory or skin sensitization:

Based on the available data, the classification criteria are not met.

Germ cell mutagenicity Based on the available data, the classification criteria are not met.

Carcinogenicity: Based on available data, the classification criteria are not met.

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Reproductive toxicity: Based on available data, the classification criteria are not met.

Specific target organ toxicity - single exposure: Based on available data, the classification criteria are not met.

Specific target organ toxicity - repeated exposure: Based on available data, the classification criteria are not met.

Aspiration hazard: Based on available data, the classification criteria are not met.

11.2 Information on other hazards Endocrine

disruptive properties None of the ingredients
are included.

* **Section 12: Ecological information**

12.1 Toxicity

Aquatic toxicity: No further relevant information available.

12.2 Persistence and degradability: No further relevant information available.

12.3 Bioaccumulative potential: No further relevant information available.

12.4 Mobility in soil: No further relevant information available.

12.5 Results of PBT and vPvB assessment PBT: Not applicable.

vPvB: Not applicable.

12.6 Endocrine disrupting properties The product

does not contain any substances with endocrine disrupting properties.

12.7 Other adverse effects: Ecotoxic effects:

Only possible in the event of the

unintentional release of larger quantities in connection with water due to an increased pH value.

Additional ecological information: General

information: Water hazard

class 1: Slightly hazardous to water.

Do not allow to get into ground water, water bodies or sewage system.

* **Section 13: Disposal considerations**

13.1 Waste treatment methods Must not be

disposed of together with household waste. Do not empty into drains.

The specified waste code is a recommendation based on the intended use of this product. Due to the special use and disposal conditions at the user's site, other waste codes may also be assigned under certain circumstances.

European waste catalogue: 17 01 01
concrete

Uncleaned packaging: Recommendation:

Disposal

according to official regulations.

After cleaning, the packaging can be reused or recycled.

Recommended cleaning agent: water, if necessary with the addition of cleaning agents.

Section 14: Transport Information

14.1 UN number or ID number ADR, ADN, IMDG, IATA	not applicable
14.2 UN proper shipping name: ADR, ADN, IMDG, IATA	Not applicable.
14.3 Transport hazard classes: ADR, ADN, IMDG, IATA Class	not applicable
14.4 Packing group: ADR, IMDG, IATA	not applicable

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14.5 Environmental hazards: Marine pollutant:	No.
14.6 Special precautions for users:	Not applicable.
14.7 Bulk Carriage by Sea according to IMO Instruments	Not applicable.
Transport/further information:	No dangerous goods according to the above regulations.
UN "Model Regulation":	not applicable

Section 15: Legal Provisions

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

Directive 2012/18/EU

Named dangerous substances - APPENDIX I: None of the ingredients are listed.

Directive 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment - Annex II None of the ingredients are included.

REGULATION (EU) 2019/1148 Annex I

- RESTRICTED EXPLOSIVES PRECURSORS (Upper concentration limit for an Article 5(3) permit)

None of the ingredients are included.

Appendix II - REPORTABLE EXPLOSIVES PRECURSORS None of the ingredients are included.

National regulations:

Water hazard class: WGK 1: Slightly hazardous to water. according to AwSV Other regulations, restrictions and prohibition regulations.

Corrosive properties are released when processed with water; therefore, the consumer is expected to have expertise and to observe our processing instructions.

15.2 Chemical safety assessment: A chemical safety assessment has not been carried out.

Section 16: Other information The information

is based on the current state of our knowledge, but it does not represent a guarantee of product properties and does not constitute a contractual legal relationship.

The delivery specification can be found in the respective "Technical Data Sheets".

Relevant phrases:

H315 Causes skin irritation.

H318 Causes serious eye damage.

H335 May cause respiratory irritation.

Classification according to Regulation (EC) No. 1272/2008 Calculation method

Department issuing data sheet: Department EHS / product safety

Abbreviations and acronyms:

ADR: European Agreement Concerning the International Carriage of Dangerous Goods by Road
International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

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vPvB: very Persistent and very Bioaccumulative

Skin Irrit. 2: Skin irritation/corrosion – Category 2 Eye

Dam. 1: Serious eye damage/eye irritation - Category 1 STOT SE 3:

Specific target organ toxicity - single exposure - Category 3 * Data from previous

version changed This document supersedes all previous

versions. The information in this safety data sheet corresponds to our current level of knowledge and

satisfies national and EU legislation. However, the given working conditions of the user are beyond our knowledge and control.

The product may not be used for any purpose other than that specified in Section 1 without written permission. The user is

responsible for complying with all necessary legal provisions.

The information in this safety data sheet describes the safety requirements of our product and does not represent any guarantee of product properties. We accept no liability for errors in the printed form.