

Safety data sheet
according to 1907/2006/EC, Article 31

Printing date 13.12.2016

Version number 5

Revision: 07.09.2016

SECTION 1: Identification of the substance/mixture and of the company/undertaking*** 1.1 Product identifier***** Trade name MB 2K powdercompount***** Article number:** 3014*** 1.2 Relevant identified uses of the substance or mixture and uses advised against**

No further relevant information available.

*** Application of the substance / the mixture** Knife filler/ Surfacer*** 1.3 Details of the supplier of the safety data sheet***** Manufacturer/Supplier:**

Remmers GmbH
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D-49624 Lönningen / Germany
Tel.: +49(0)5432/83-0
Fax: +49(0)5432/3985

Remmers (UK) Limited
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West Sussex RH10 9NN
fon +44 (0) 1293 594 010
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*** Informing department:**

Product Safety department: Tel.: Steve Dunn Tel.: +44 (0) 1293 594 010
E-Mail: sales@remmers.co.uk

*** 1.4 Emergency telephone number:**

during working hours:

U.K.: Tel.: +44 (0) 1293 594 010

sales@remmers.co.uk

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after working hours: Tel.: +49 (0)171 21 34 091

24h-Transport Emergency Contact Phone Number:

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

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

SECTION 2: Hazards identification*** 2.1 Classification of the substance or mixture***** Classification according to Regulation (EC) No 1272/2008**

Eye Irrit. 2 H319 Causes serious eye irritation.

*** 2.2 Label elements***** Labelling according to Regulation (EC) No 1272/2008**

The product is classified and labelled according to the CLP regulation.

*** Hazard pictograms**

GHS07

*** Signal word** Warning*** Hazard statements**

H319 Causes serious eye irritation.

*** Precautionary statements**

P101 If medical advice is needed, have product container or label at hand.

P102 Keep out of reach of children.

P103 Read label before use.

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P280 Wear protective gloves/protective clothing/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.
 P337+P313 If eye irritation persists: Get medical advice/attention.

* **2.3 Other hazards**

* **Results of PBT and vPvB assessment**

* **PBT:** Not applicable.

* **vPvB:** Not applicable.

SECTION 3: Composition/information on ingredients

* **3.2 Chemical characterisation: Mixtures**

* **Description:** Mixture of the substances listed below with harmless additions.

* **Dangerous components:**

CAS: 65997-15-1	Cement	1-2.5%
EINECS: 266-043-4	Eye Dam. 1, H318; Skin Irrit. 2, H315; STOT SE 3, H335	
CAS: 1314-13-2	zinc oxide	≤0.5%
EINECS: 215-222-5	Aquatic Acute 1, H400; Aquatic Chronic 1, H410	
Index number: 030-013-00-7		
Reg.nr.: 01-2119463881-32-XXXX		

* **Additional information** For the wording of the listed hazard phrases refer to section 16.

SECTION 4: First aid measures

* **4.1 Description of first aid measures**

* **After inhalation** Seek medical treatment in case of complaints.

* **After skin contact** If skin irritation continues, consult a doctor.

* **After eye contact** Rinse opened eye for several minutes under running water.

* **After swallowing** Call a doctor immediately.

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

No further relevant information available.

* **Information for doctor** see item 3

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

No further relevant information available.

SECTION 5: Firefighting measures

* **5.1 Extinguishing media**

* **Suitable extinguishing agents** No special measures required.

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

* **5.3 Advice for firefighters**

* **Protective equipment:** No special measures required.

SECTION 6: Accidental release measures

* **6.1 Personal precautions, protective equipment and emergency procedures** Avoid causing dust.

* **6.2 Environmental precautions:**

Do not allow to enter sewage system, surface or ground water.

Inform responsible authorities in case product reaches bodies of water or sewage system.

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

* **6.4 Reference to other sections**

See Section 7 for information on safe handling

See Section 8 for information on personal protection equipment.

See Section 13 for information on disposal.

SECTION 7: Handling and storage

* **7.1 Precautions for safe handling** No special precautions necessary if used correctly.

* **Information about protection against explosions and fires:** No special requirements.

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*** 7.2 Conditions for safe storage, including any incompatibilities**

*** Storage**

*** Information on storage in a common storage facility:** none

*** Further information about storage conditions:**

Store dry.

Protect from humidity and keep away from water.

*** 7.3 Specific end use(s)** No further relevant information available.

SECTION 8: Exposure controls/personal protection

*** Additional information about design of technical systems:** No further data; see item 7.

*** 8.1 Control parameters**

*** Components with limit values that require monitoring at the workplace:**

When mixing the material, small amounts of ammonium may be released. Ensure sufficient ventilations or mix outdoors!

CAS: 65997-15-1 Cement

WEL Long-term value: 10* 4** mg/m³

*inhalable dust **respirable dust

*** Additional information:** The lists that were valid during compilation were used as a basis.

*** 8.2 Exposure controls**

*** Personal protective equipment**

*** General protective and hygienic measures**

Do not eat, drink or smoke while working.

Use skin protection cream for preventive skin protection.

Observe Professional Association regulations.

Wash hands before pauses and after work.

*** Respiratory equipment:**

In case of insufficient ventilation, use respiratory protection:

Filter ABEK/P2

*** Protection of hands:**

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

*** Material of gloves**

Nitrile rubber, NBR

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

*** Penetration time of glove material**

Break through time: max. 240 min (DIN EN 374).

The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be observed.

*** Eye protection:**

Avoid contact with eyes. In case of eye contact, rinse immediately and thoroughly with water. Seek medical advice.

not required.

*** Body protection:** Protective work clothing.

SECTION 9: Physical and chemical properties

*** 9.1 Information on basic physical and chemical properties**

*** General Information**

*** Appearance:**

Form: Powder

Colour: Grey

*** Odour:** Characteristic

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* Odour threshold:	Not determined.
* pH-value at 20 °C:	ca. 12
* Change in condition	
Melting point/Melting range:	> 1000 °C
Boiling point/Boiling range:	Not determined Not determined
* Flash point:	Not applicable
* Inflammability (solid, gaseous)	Not determined.
* Ignition temperature:	not applicable
* Decomposition temperature:	Not determined.
* Self-inflammability:	Product is not self-igniting.
* Danger of explosion:	Product is not explosive.
* Explosive Limits:	
Lower:	Not determined.
Upper:	Not determined.
* Vapour pressure:	Not applicable.
* Density	Not determined
* Bulk apparent density	1.1 kg/m ³
* Relative density	Not determined.
* Vapour density	Not applicable.
* Evaporation rate	Not applicable.
* Solubility in / Miscibility with	
Water:	Soluble
* Distribution coefficient (n-octanol/water):	Not determined.
* Viscosity:	
dynamic:	Not applicable.
kinematic:	Not applicable.
Organic solvents:	0.0 %
Solid content:	100.0 %
* 9.2 Other information	No further relevant information available.

SECTION 10: Stability and reactivity

- * **10.1 Reactivity** No further relevant information available.
- * **10.2 Chemical stability**
- * **Thermal decomposition / conditions to be avoided:**
No decomposition if handled and stored according to specifications.
- * **10.3 Possibility of hazardous reactions** No dangerous 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 dangerous decomposition products known

SECTION 11: Toxicological information

- * **11.1 Information on toxicological effects**
- * **Acute toxicity:** Based on available data, the classification criteria are not met.
- * **LD/LC50 values that are relevant for classification:** No further relevant information available.
- * **Primary irritant effect:**
- * **Skin corrosion/irritation** Based on available data, the classification criteria are not met.

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- * **Serious eye damage/irritation**
Causes serious eye irritation.
- * **Sensitisation:** Based on available data, the classification criteria are not met.
- * **CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**
- * **Germ cell mutagenicity** Based on available data, the classification criteria are not met.
- * **Carcinogenicity** Based on available data, the classification criteria are not met.
- * **Reproductive toxicity** Based on available data, the classification criteria are not met.
- * **STOT-single exposure** Based on available data, the classification criteria are not met.
- * **STOT-repeated exposure** Based on available data, the classification criteria are not met.
- * **Aspiration hazard** Based on available data, the classification criteria are not met.

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.
- * **Ecotoxicological effects:**
- * **Remark:** Harmful to fish
- * **Additional ecological information:**
- * **General notes:**
Do not allow product to reach ground water, bodies of water or sewage system.
Harmful to aquatic organisms
Do not allow undiluted or larger quantities of the product to reach ground water, bodies fo water or sewage system.
- * **12.5 Results of PBT and vPvB assessment**
- * **PBT:** Not applicable.
- * **vPvB:** Not applicable.
- * **12.6 Other adverse effects** No further relevant information available.

SECTION 13: Disposal considerations

- * **13.1 Waste treatment methods**
- * **Recommendation**
The given refuse codes are recommendations based upon the intended use of the product. Because of special use and disposal conditions at the user's, other codes may apply under other conditions.
Do not dispose of together with household garbage. Do not allow product to reach sewage system.
- * **European waste catalogue**
17 01 01 concrete
- * **Uncleaned packaging:**
- * **Recommendation:** Disposal must be made according to official regulations.
- * **Recommended cleaning agent:** Water, if necessary with cleaning agent.

SECTION 14: Transport information

- * **14.1 UN-Number**
- * **ADR, ADN, IMDG, IATA** Void
- * **14.2 UN proper shipping name**
- * **ADR, ADN, IMDG, IATA** Void
- * **14.3 Transport hazard class(es)**
- * **ADR, ADN, IMDG, IATA**
- * **Class** Void
- * **14.4 Packing group**
- * **ADR, IMDG, IATA** Void
- * **14.5 Environmental hazards:**
- * **Marine pollutant:** No
- * **14.6 Special precautions for user** Not applicable.

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- * **14.7 Transport in bulk according to Annex II of Marpol and the IBC Code** Not applicable.
- * **Transport/Additional information:** Not a hazardous good according to the above regulations.
- * **UN "Model Regulation":** Void

SECTION 15: Regulatory information

- * **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
- * **National regulations**
- * **Other regulations, limitations and prohibition ordinances**
Professional Association Principles/Industrial Medicine regulations, e.g. principles of industrial medicine Occupational Safety Regulations.
- * **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

This data is based on our present state of knowledge. However, it does not constitute a guarantee for any specific product features and does not establish a legally valid contractual relationship. Delivery specifications are found in the respective Technical Information Sheets.

- * **Relevant phrases**
H315 Causes skin irritation.
H318 Causes serious eye damage.
H335 May cause respiratory irritation.
H400 Very toxic to aquatic life.
H410 Very toxic to aquatic life with long lasting effects.
- * **Department issuing data specification sheet:** Product Safety department / EHS
- * **Abbreviations and acronyms:**
ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the 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
vPvB: very Persistent and very Bioaccumulative
Skin Irrit. 2: Skin corrosion/irritation – Category 2
Eye Dam. 1: Serious eye damage/eye irritation – Category 1
Eye Irrit. 2: Serious eye damage/eye irritation – Category 2
STOT SE 3: Specific target organ toxicity (single exposure) – Category 3
Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1
Aquatic Chronic 1: Hazardous to the aquatic environment - long-term aquatic hazard – Category 1