

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 08.03.2017

Version number 2

Revision: 08.03.2017

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

*** 1.1 Product identifier***** Trade name** **FM NB PH M10 1,0***** Article number:** 1000-01; 1005-06; 1017*** 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** Filler/ Extender*** 1.3 Details of the supplier of the safety data sheet***** Manufacturer/Supplier:**

Remmers GmbH
Postfach 1255
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

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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**

Skin Irrit. 2 H315 Causes skin irritation.

Eye Dam. 1 H318 Causes serious eye damage.

*** 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**

GHS05

*** Signal word** Danger*** Hazard-determining components of labelling:**

Cement

*** Hazard statements**

H315 Causes skin irritation.

H318 Causes serious eye damage.

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*** 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.
 P261 Avoid breathing dust.
 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.
 P302+P352 IF ON SKIN: Wash with plenty of soap and water.

*** 2.3 Other hazards** low chromate content according to directive 2003/53 EG*** 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	10-20%
EINECS: 266-043-4	Eye Dam. 1, H318; Skin Irrit. 2, H315; STOT SE 3, H335	
CAS: 1344-28-1	aluminium oxide	1-2.5%
EINECS: 215-691-6	substance with a Community workplace exposure limit	
Reg.nr.: 01-2119529248-35-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** In case of unconsciousness bring patient into stable side position for transport.
*** After skin contact** Wash immediately with water and soap and rinse thoroughly.
*** After eye contact** Rinse opened eye for several minutes under running water. Then consult doctor.
*** After swallowing**
 Rinse out mouth and then drink plenty of water.
 Seek medical treatment.

*** 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**

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.

Wear protective equipment. Keep unprotected persons away.

*** 6.2 Environmental precautions:** No special measures required.*** 6.3 Methods and material for containment and cleaning up:**

Use neutralising agent.

Dispose of contaminated material as waste according to item 13.

Ensure adequate ventilation.

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*** 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**

Provide suction extractors if dust is formed.

Thorough removal of dust.

Ensure good ventilation/exhaust in workplaces.

Avoid the formation of dust.

*** Information about protection against explosions and fires:** No special requirements.*** 7.2 Conditions for safe storage, including any incompatibilities***** Storage***** Requirements to be met by storerooms and containers:** No special requirements.*** Information on storage in a common storage facility:** none*** Further information about storage conditions:**

Store dry.

Keep container tightly closed.

*** 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:****CAS: 65997-15-1 Cement**WEL Long-term value: 10* 4** mg/m³

*inhalable dust **respirable dust

CAS: 1344-28-1 aluminium oxideWEL 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**

Use skin protection cream for preventive skin protection.

Clean skin thoroughly immediately after handling the product.

Keep away from food, beverages and animal feed.

Immediately remove soiled, saturated clothing.

Wash hands before pauses and after work.

Avoid contact with eyes and skin.

*** Respiratory equipment:**

Particle-Filter P2.

In case of brief exposure or low pollution load, use respiratory protection equipment with filter. In case of intensive or longer exposure, use self-contained respiratory protection equipment.

*** Protection of hands:**

Protective gloves.

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**

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.

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- * **Eye protection:** Tightly sealed safety glasses.
- * **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:	According to product specification
* Odour:	cement-like
* Odour threshold:	Not determined.

* pH-value: Neutral

* Change in condition

Melting point/freezing point:	Not determined
Initial boiling point and boiling range:	Not determined

* Flash point: Not applicable

* Inflammability (solid, gaseous) Not determined.

* Ignition temperature: >370 °C

* Decomposition temperature: Not determined.

* Self-inflammability: Product is not self-igniting.

* Explosive properties: Product is not explosive.

* Explosive Limits:

Lower:	Not determined.
Upper:	Not determined.

* Vapour pressure: Not applicable.

* Density Not determined

* Bulk apparent density 1.6 kg/dm³

* Relative density Not determined.

* Vapour density Not applicable.

* Evaporation rate Not applicable.

* Solubility in / Miscibility with

Water:	Soluble
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* Distribution coefficient (n-octanol/water): Not determined.

* Viscosity:

dynamic:	Not applicable.
kinematic:	Not applicable.

Organic solvents: 0.0 %

* 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

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* 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**

Causes skin irritation.

* **Serious eye damage/irritation**

Causes serious eye damage.

* **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.

* **Additional ecological information:**

* **General notes:**

Do not allow undiluted or non-neutralised product to reach the sewage system or receiving waters.

Do not allow product to reach ground water, bodies of 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

* 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.

* **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

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- * **14.5 Environmental hazards:**
- * **Marine pollutant:** No
- * **14.6 Special precautions for user** Not applicable.
- * **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**
- * **Directive 2012/18/EU**
- * **Named dangerous substances - ANNEX I** None of the ingredients is listed.
- * **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

Delivery specifications are found in the respective Technical Information Sheets.
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.

- * **Relevant phrases**

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

- * **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
STOT SE 3: Specific target organ toxicity (single exposure) – Category 3