

## Material Safety Data Sheet

according to 1907/2006/EC, Article 31

Printing date 28.01.2009

Revision: 22.08.2008

### 1 Identification of substance

- **Product details**
- **Trade name** Injection Paste 2K, Component A
- **Article number:** 0476
- **Application of the substance / the preparation** Filling mortar
- **Manufacturer/Supplier:**  
Remmers Baustofftechnik GmbH  
Postfach 1255  
D-49624 Lönningen / Germany  
Tel.: 05432/83-0  
Fax: 05432/3985
- **Informing department:**  
Product Safety department: Tel.: +49 (0)5432/83-138/-538  
E-Mail: sales@remmers.co.uk
- **Emergency information:**  
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after working hours: Tel.: +49 (0)171/6428-297

### 2 Hazards identification

- **Hazard designation:** not applicable
- **Information pertaining to particular dangers for man and environment** not applicable
- **Classification system**  
The classification is in line with current EC lists. It is expanded, however, by information from technical literature and by information furnished by supplier companies.

### 3 Composition/information on ingredients

- **Chemical characterization**
- **Description:** Melamine-formaldehyde-condensate and acrylic-copolymer-dispersion
- **Dangerous components:** Void

### 4 First aid measures

- **General information** No special measures required.
- **After inhalation** No special requirements.
- **After skin contact**  
Wash immediately with water and soap and rinse thoroughly.  
If skin irritation continues, consult a doctor.
- **After eye contact**  
Rinse opened eye for several minutes under running water. If symptoms persist, consult doctor.
- **After swallowing**  
Rinse out mouth and then drink plenty of water.  
Drink plenty of water and provide fresh air. Call a doctor immediately.

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**5 Fire fighting measures**

- **Suitable extinguishing agents**  
CO<sub>2</sub>, extinguishing powder or water jet. Fight larger fires with water jet or alcohol-resistant foam.  
Use fire fighting measures that suit the environment.
- **Special hazards caused by the material, its products of combustion or flue gases:**  
sulphuric oxides  
Carbon monoxide (CO)  
Nitrogen oxides (NO<sub>x</sub>)
- **Protective equipment:** Wear self-contained breathing apparatus.

**6 Accidental release measures**

- **Person-related safety precautions:**  
Wear protective equipment. Keep unprotected persons away.  
Ensure adequate ventilation
- **Measures for environmental protection:**  
Do not allow product to reach sewage system or water bodies.  
Do not allow to enter the ground/soil.
- **Measures for cleaning/collecting:**  
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).  
Dispose of contaminated material as waste according to item 13.  
Ensure adequate ventilation.

**7 Handling and storage**

- **Handling**
- **Information for safe handling:** Use only in well ventilated areas.
- **Information about protection against explosions and fires:** No special requirements.
- **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:**  
Keep container tightly closed.  
Store cool.  
Protect from frost.  
Avoid heating above 50 °C.

**8 Exposure controls and personal protection**

- **Additional information about design of technical systems:** No further data; see item 7.
- **Components with limit values that require monitoring at the workplace:**  
The product does not contain any relevant quantities of materials with limit values that have to be monitored at the workplace.
- **Additional information:** The lists that were valid during compilation were used as a basis.
- **Personal protective equipment**
- **General protective and hygienic measures**  
Observe the usual precautionary measures when handling chemicals.  
Observe Professional Association regulations.  
Keep away from food, beverages and animal feed.  
Do not eat, drink or smoke while working.  
Wash hands before pauses and after work.  
Use skin protection cream for preventive skin protection.

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- Avoid contact with eyes and skin.  
Do not inhale gases / vapours / aerosols.
- **Respiratory equipment:** Not necessary if room is well-ventilated.
  - **Protection of hands:** Protective gloves.
  - **Material of gloves** Nitrile rubber, NBR
  - **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:** Safety glasses
  - **Body protection:** Protective work clothing.

## 9 Physical and chemical properties:

### · General Information

<b>Form:</b>	Fluid
<b>Colour:</b>	White
<b>Odour:</b>	Ester-like

### · Change in condition

<b>Melting point/Melting range:</b>	Not determined
<b>Boiling point/Boiling range:</b>	100°C

· **Flash point:** Not applicable

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

· **Danger of explosion:** Product is not explosive.

· **Density at 20°C** 1.03 g/cm<sup>3</sup>

### · Solubility in / Miscibility with

**Water:** Soluble

· **pH-value at 20°C:** ca. 9

### · Viscosity:

<b>kinematic at 23°C:</b>	ca. 11 s (DIN 53211/4)
	bei 23 °C ca. 52 s DIN 53211/2
	bei 23 °C ca. 5 s DIN 53211/6

## 10 Stability and reactivity

- **Thermal decomposition / conditions to be avoided:**  
No decomposition if used according to specifications.
- **Dangerous reactions** No dangerous reactions known
- **Dangerous decomposition products:** No dangerous decomposition products known

## 11 Toxicological information

- **Acute toxicity:**
- **Primary irritant effect:**
- **on the skin:** No irritating effect.
- **on the eye:** No irritating effect.
- **Sensitisation:** No sensitising effect known.

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· **Additional toxicological information:**

The product is not subject to labelling based on the calculation method of the General EC Classification Guidelines for Preparations as issued in the latest version.

When used and handled according to directions, the product does not have any harmful effects according to our experience and the information available.

\* **12 Ecological information:**

· **General notes:**

Water hazard class 1 : slightly hazardous to water.

After hardening: Not hazardous to water.

\* **13 Notes on disposal:**

· **Product:**

· **Recommendation**

Mix the individual components in the prescribed mixing ratio and allow to harden.

Hardened material can be disposed of as building rubble.

· **European waste catalogue**

17 00 00	CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)
17 01 00	concrete, bricks, tiles and ceramics
17 01 01	concrete

· **Uncleaned packaging:**

· **Recommendation:** Disposal must be made according to official regulations.

· **Recommended cleaning agent:** Water, if necessary with cleaning agent.

\* **14 Transport information**

· **Land transport ADR/RID and GGVs/GGVE (cross-border/domestic)**

· **ADR/RID-GGVs/E Class:** -

· **Maritime transport IMDG/GGVSea:**

· **IMDG/GGVSea Class:** -

· **Air transport ICAO-TI and IATA-DGR:**

· **ICAO/IATA Class:** -

· **Transport/Additional information:** Not a hazardous good according to the above regulations.

\* **15 Regulatory information**

· **Designation according to EC guidelines:**

Observe normal safety precautions for handling chemicals

The product is not subject to labelling in accordance with EC Guidelines and the Ordinance on Hazardous Materials (GefStoffV).

· **National regulations**

· **Water hazard class:**

Water hazard class 1: slightly hazardous to water.

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- **Other regulations, limitations and prohibition ordinances**  
Observe the usual protective measures when working and for storage.

**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.

- **Department issuing data specification sheet:** Product Safety department

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