

Material Safety Data Sheet

according to 1907/2006/EC, Article 31

Printing date 08.08.2007

Revision: 28.02.2007

1 Identification of substance

- **Product details**
- **Trade name** Injection Paste 2K, Component B
Aida Injection Paste, Component B
- **Article number:** 0476
- **Application of the substance / the preparation** Filling mortar
- **Manufacturer/Supplier:**
Remmers Baustofftechnik GmbH
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D-49624 Lönningen / Germany
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Fax: 05432/3985
- **Informing department:**
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after working hours: Tel.: +49 (0)171/6428-297

2 Hazards identification

- **Hazard designation:**



Xi Irritant

- **Information pertaining to particular dangers for man and environment**
R 36/38 Irritating to eyes and skin.
- **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.
The danger designation "irritating" does not apply to the dry powder but rather only after moisture or water has been admitted (alkaline reaction).

3 Composition/information on ingredients

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

- **Dangerous components:**

| | | | |
|-------------------|--------|----------------|---------|
| CAS: 65997-15-1 | Cement | Xi; R 36/38-43 | 10-<20% |
| EINECS: 266-043-4 | | | |

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

4 First aid measures

- **General information** No special measures required.

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- **After inhalation** Seek medical treatment in case of complaints.
- **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. Then consult doctor.
- **After swallowing** Call a doctor immediately.
- **Information for doctor** see item 3

5 Fire fighting measures

- **Suitable extinguishing agents** Use fire fighting measures that suit the environment.
- **Protective equipment:** No special measures required.

6 Accidental release measures

- **Person-related safety precautions:** Avoid skin contact. Avoid eye contact.
- **Measures for environmental protection:**
Avoid uncontrolled admittance of water. Avoid uncontrolled runoff after admittance of water. Avoid runoff into sewage system and receiving water.
- **Measures for cleaning/collecting:**
Collect mechanically.
Keep away from water.
- **Additional information:**
Hardens after contact with water. After hardening it can be disposed of as concrete (European waste catalogue: EWC-Code: 170101).

7 Handling and storage

- **Handling**
- **Information for safe handling:**
Protect against moisture.
Keep out of reach of children.
Avoid skin contact.
Avoid eye contact.
- **Information about protection against explosions and fires:** The product is not flammable
- **Storage**
- **Requirements to be met by storerooms and containers:**
Store in closed rooms protected against moisture. Extraction of dust in compliance with BImSchG or Technical Instructions Air.
- **Information on storage in a common storage facility:** none
- **Further information about storage conditions:**
Keep container tightly closed.
Store dry.

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:**

65997-15-1 Cement

| | |
|-----|---|
| WEL | Long-term value: 10* 4** mg/m ³ *inhalable dust **respirable dust |
|-----|---|

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

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- **Personal protective equipment**
- **General protective and hygienic measures**
 Immediately remove soiled, saturated clothing.
 Keep away from food, beverages and animal feed.
 Use skin protection cream for preventive skin protection.
 Wash hands before pauses and after work.
 Avoid contact with eyes and skin.
- **Respiratory equipment:** Code of Practice ZH 1 / 701 Hauptverband der Gewerbl. BG
- **Protection of hands:**
 Protective gloves.
 Avoid contact with skin.
 Wear suitable protective gloves.
- **Material of gloves** Nitrile rubber, NBR
- **Penetration time of glove material**
 The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be observed.
- **Eye protection:**
 Tightly sealed safety glasses.
 Code of Practice BGR 192 Hauptverband der Gewerbl. BG
 Avoid contact with eyes.
 In case of eye contact, rinse immediately and thoroughly with water.
 Seek medical advice.
- **Body protection:** Protective work clothing.

9 Physical and chemical properties:

· General Information

| | |
|----------------|-----------|
| Form: | Powder |
| Colour: | Grey |
| Odour: | Odourless |

· Change in condition

Melting point/Melting range: > 150°C
Boiling point/Boiling range: Not determined

· **Flash point:** Not applicable

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

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

· Density

· **Bulk apparent density at 20°C** ca. 1 kg/l

· Solubility in / Miscibility with

Water: approx. 20%

· **pH-value (10 g/l) at 20°C:** ca. 12

10 Stability and reactivity

- **Thermal decomposition / conditions to be avoided:**
 No decomposition if used according to specifications.
 Avoid the entrance of moisture
- **Dangerous reactions** No dangerous reactions known

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· **Dangerous decomposition products:** No dangerous decomposition products known

11 Toxicological information

- **Acute toxicity:**
- **Primary irritant effect:**
- **on the skin:** Irritates skin and mucous membranes.
- **on the eye:** Irritating effect.
- **Sensitisation:** No sensitising effect known.
- **Experience with humans:**
If the information in items 6 and 8 is observed, no special dangers according to the following risk phrase(s) are known:
R 36/38

12 Ecological information:

- **Ecotoxicological effects:**
Only possible in case of unintentional release of larger amounts in connection with water through increased pH value.
- **General notes:**
Water hazard class 1 : slightly hazardous to water.
Do not allow product to reach ground water, bodies of water or sewage system.

13 Notes on disposal:

- **Product:**
- **Recommendation**
May be used again if taken up in dry. After the addition of water and subsequent hardening, dispose of as concrete.

· 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.

14 Transport information

- **Land transport ADR/RID and GGVS/GGVE (cross-border/domestic)**
- **ADR/RID-GGVS/E Class:** -
- **Transport/Additional information:** Not a hazardous good according to the above regulations.

15 Regulatory information

- **Designation according to EC guidelines:**
The product has been classified and labelled in accordance with EC Guidelines / Ordinance on Hazardous Materials (GefStoffV)

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· **Code letter and hazard designation of product:**



Xi Irritant

· **Risk phrases:**

36/38 Irritating to eyes and skin.

· **Safety phrases:**

2 Keep out of the reach of children.

24/25 Avoid contact with skin and eyes.

26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

37 Wear suitable gloves.

· **National regulations**

· **Water hazard class:** Water hazard class 1: slightly hazardous to water.

· **Other regulations, limitations and prohibition ordinances**

(e.g. Principles of Industrial Medicine and Occupational Safety Regulations)

(VBG, HZ-1/..., Codes of Practice, etc.): see also item 8

Corrosive properties are set free when worked with water; therefore experience is expected of the user and our notes on working are to be observed.

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 R-phrases**

36/38 Irritating to eyes and skin.

43 May cause sensitisation by skin contact.

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