



# SAFETY SHEET NO. 25

## dry adhesive and levelling cements from the series ALFAFIX<sup>®</sup> S

(according to regulation (ES) 1907/2006 (REACH).)

Printed on:

Issued: 1<sup>st</sup> May 2004

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Revision: 01. 03.2011

Version: 0.9

### 1. Identification of material / substance and the company / enterprise

- 1.1 Business name for the substance: **ALFAFIX<sup>®</sup> S. (including types S1, S1 P, S2, S11 and S101 according to PN 72 2425)**  
CAS number, ES number (EINECS): **Not assigned**  
Other names for the substance: **Not indicated**
- 1.2 Recommended use: **Construction material – adhesive and levelling cement**
- 1.3 Identification of the producer:  
Name or business name: **STOMIX, spol. s r.o.**  
Place of business or registered office: **790 65 Žulová 178, CZ**  
Identification number: **Company ID number (IČO): 48400874**  
Telephone: **+420 584 484 111**  
Fax: **+420 584 484 112**  
E-mail: **zichova@stomix.cz**  
Emergency telephone number: **+420 584 484 131**
- 1.4 Telephone number for emergencies: **+420 224 919 293, +420 224 915 402, +420 224 914 571**  
**Toxicological information centre, Na Bojišti 1, 128 08 Prague 2, CZ**

### 2. Risk identification

- 2.1. Overall classification of material or substance: **The product is not classified as an irritant pursuant to Act No. 356/2003 Coll., on chemical materials and chemical substances and the valid EU legislation.**
- 2.2. The most serious and harmful effects to the health of a person. **It contains materials which, during application, may damage the skin or irritate mucosa - particularly for sensitive persons.**
- 2.3. The most serious harmful effects to the environment when using the material: **Undetected.**
- 2.4. Warning sign is not used. **The classification is mentioned in Chapter 15.**

### 3. Composition / information about components

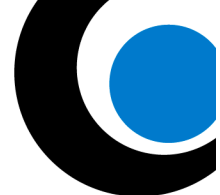
The product contains the following hazardous materials:

Chemical name	Content in (%)	CAS number	Warning symbol for the risk
<b>Portland cement clinker</b>	<b>20-40</b>	<b>65997-15-1</b> <b>266-043-4</b>	<b>Xi</b> <b>R 36/37/38-43</b> <b>S 2-22-26-36/37/39</b>

### 4. First aid instructions

- 4.1 General instructions: **In the case of health problems or in the case of any problems, contact a doctor.**
- 4.2 When breathing: **Ensure a supply of fresh air, if problems continue then contact a doctor.**
- 4.3 In the case of contact with skin: **Remove any contaminated clothes, wash the skin with soap and water and treat the affected area with a suitable repair cream.**
- 4.4 If affecting the eyes: **Rinse the eyes with clean water for a minimum of 15 minutes and then contact a doctor.**
- 4.5 In the case of ingestion: **Drink a minimum of half a litre of drinking water, do not invoke vomiting and call for medical assistance.**
- 4.6 Further data: **If any signs of irritation, due to contact with the product, will worsen, immediately call for medical assistance.**





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### 5. Measures during the liquidation of fire

- |     |   |  |
|-----|---|--|
| 5.1 | Recommended extinguishing agents:           | <b>Water fog, splitting of water, foam and powder chemicals.</b>   |
| 5.2 | Not-recommended extinguishing agents:       | <b>Permanent water stream</b>  |
| 5.3 | Special risk:                               | <b>Undetected.</b>   |
| 5.4 | Special protective means for extinguishers: | <b>Protective clothes.</b>   |
| 5.5 | Further data:                               | <b>Liquidate the remainders of the fire with extinguishing water in accordance with local regulations.</b> |

### 6. Measures in the case of accidental escape

- |     |   |   |
|-----|---|---|
| 6.1 | Safety precautions for the protection of persons:         | <b>Contact with the eyes must be prevented.</b>   |
| 6.2 | Safety precautions for the protection of the environment: | <b>Uncontrolled escapes into sewage pipes must be prevented.</b>  |
| 6.3 | Recommended methods for cleaning and removing:            | <b>Mechanical collection.</b>   |
| 6.4 | Further data:   | <b>After contact with water and hardening, it is possible to liquidate as the other waste (catalogue no 170101 - Concrete).</b> |

### 7. Handling and storage

- |     |                        |   |
|-----|------------------------|---|
| 7.1 | Handling instructions: | <b>Handling of product according to enterprise standard PN 72 2425 and technical manuals no. 25-1, 25-2 ,25-3.</b><br><b>Special measures – none.</b> |
| 7.2 | Storage instructions:  | <b>Store in dry places and protect against moisture and water.</b><br><b>Special requirements – none.</b>   |

### 8. Restriction of exposure / personal protective means

- |     |   |   |
|-----|---|---|
| 8.1 | Limit values:                               | <b>Permitted exposure limit (concentration) for cement (PEL<sub>c</sub>) - 10 mg/m<sup>3</sup>.</b>   |
| 8.2 | Technical measures:                         | <b>Ensure complete ventilation of the workplace.</b>  |
| 8.3 | Personal protective means:                  |   |
|     | Protection of respiratory organs:           | <b>Not necessary, if PEL<sub>c</sub> is kept.</b>   |
|     | Protection of eyes:                         | <b>Protective glasses</b>   |
|     | Protection of hands:                        | <b>Protective gloves</b>  |
|     | Protection of skin:                         | <b>Protective clothes</b>   |
| 8.4 | Further data:                               | <b>Personal working means must be kept in a usable status and damaged means must be immediately replaced. It is not permitted to eat, drink or smoke when working. Hands must be washed with soap and water and treated with a suitable repair cream after working.</b> |
| 8.5 | Restriction of exposure to the environment: | <b>Data is not available.</b>   |





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### 9. Physical and chemical properties

Status of the matter:	<b>Solid material - powder</b>
Colour:	<b>Grey or white</b>
Odour (scent):	<b>Without odour</b>
pH value:	<b>Only after contact with water pH 11 - 13</b>
Temperature (range of temperature) melting (°C):	<b>Data is not available</b>
Temperature (range of temperature) for boiling (°C):	<b>Data is not available</b>
Inflammation point °C	<b>Data is not available</b>
Flammability:	<b>Fireproof</b>
Pyrophoricity:	<b>Undetermined</b>
Flammability limits: upper limit (% vol.):	<b>Data is not available</b>
lower limit (% vol):	<b>Data is not available</b>
Oxidation properties:	<b>Data is not available</b>
Vapour tension (at °C):	<b>Data is not available</b>
Density (at 20°C):	<b>2400 - 2600 kg/m<sup>3</sup></b>
solubility (at 20°C):	
- in water	<b>0.8-1.0 g/l</b>
in fats (including oil specification)	<b>Data is not available</b>
Dividing n-octanol/water coefficient:	<b>Data is not available</b>
Viscosity:	<b>Data is not available</b>
Vapour density:	<b>Data is not available</b>
Evaporation speed:	<b>Data is not available</b>
Further data:	<b>Data taken from the producers report</b>

### 10. Stability and reactivity

10.1	Conditions under which the material/substance is stable:	<b>Data is not available</b>
10.2	Conditions which must be prevented:	<b>Data is not available</b>
10.3	The product must not be in contact with the following substances and materials:	<b>Data is not available</b>
10.4	Hazardous degradation products:	<b>Data is not available</b>

### 11. Toxicological information

Acute toxicity:	
LD <sub>50</sub> oral, rat (mg . kg <sup>-1</sup> ):	<b>Data is not available</b>
LD <sub>50</sub> dermal, rat or rabbit (mg . kg <sup>-1</sup> ):	<b>Data is not available</b>
LD <sub>50</sub> inhalation, rat, for aerosols or particles (mg . kg <sup>-1</sup> ):	<b>Data is not available</b>
LC <sub>50</sub> inhalation, rat, pro for gases and vapours (mg . kg <sup>-1</sup> ):	<b>Data is not available</b>
Sub-chronic – chronic toxicity	<b>Data is not available</b>
Sensitivity:	<b>Risk of origination of sensitivity for highly sensitive persons in the case of long term contact with the skin.</b>
Carcinogenicity:	<b>Data is not available</b>
Mutagenesis:	<b>Data is not available</b>
Toxicity for reproduction	<b>Data is not available</b>
Specific effect on human beings:	<b>The product has the character of an irritation substance in the form of dust and after contact with water it can irritate the eyes, the respiratory organs and the skin.</b>
Other information:	<b>Not indicated</b>





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#### 12. Ecological information

Acute toxicity:	
LC <sub>50</sub> , 96 hour, fish (mg. l <sup>-1</sup> ):	<b>Data is not available</b>
EC <sub>50</sub> , 48 hours, daphnia (mg. l <sup>-1</sup> ):	<b>Data is not available</b>
IC <sub>50</sub> , 72 hours, algae (mg. l <sup>-1</sup> ):	<b>Data is not available</b>
Mobility of the material or components of the substance:	<b>Data is not available</b>
Persistence and decomposability:	<b>Data is not available</b>
Bio-accumulating potential:	<b>Data is not available</b>
Toxicity for other environments:	<b>Data is not available</b>
CHSK:	<b>Data is not available</b>
BSK <sub>5</sub> :	<b>Data is not available</b>
Further data:	<b>Ecotoxic effects may be reflected only in the case of the escape of large volumes and the consequent solution of the substance in water – an increase of pH values</b>

#### 13. Instructions for removing


13.1	Methods of removing the material/substance:	<b>After catchment in a dry condition, the product can be used again. In the case of hardening, liquidate as other waste (170101 - Concrete).</b>
13.2	Methods of liquidation of contaminated packages:	<b>Liquidate as the other waste (150101 – Paper and cardboard packages).</b>
13.3	Legal regulations:	<b>Act No. 185/2001 Coll., on waste, as amended.</b>
13.4	Further data:	<b>Not indicated.</b>

#### 14. Transport information

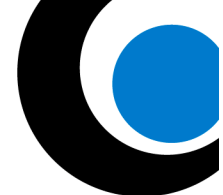
Inland transport, air, water transport, marine transport	<b>Not indicated.</b>
Notes:	<b>Not indicated.</b>
Further data:	<b>Pursuant to Section § 22 par. 1 of Act No. 111/1994 Coll., on road transport, the product is not hazardous item and is not the subject of European Agreement on road transport of hazardous items (ADR) or provisions of the Order for international railway transport of hazardous goods (RID).</b>

#### 15. Information regarding regulations

Legal regulations related to the material/substance: **The product is not classified as hazardous pursuant to Act No. 356/2003 Coll., on chemical materials and chemical substances and on the change of some acts, as amended by later regulations. Prepared in accordance with EC Regulation 1907/2006.**

<p><b>Risk symbol</b> Xi</p>  <p><b>irritant</b></p>	<p><b>The product is classified as an irritant, contains cement.</b></p> <p>R phrases:  <b>R 36/37/38 Irritating to the eyes, the respiratory system and the skin</b>  <b>R 43 Can cause sensitization through skin contact</b></p> <p>S phrases:  <b>S 2 Keep out of the reach of children</b>  <b>S 22 Do not inhale dust</b>  <b>S 26 In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice</b>  <b>S 36/37/39 Wear suitable protective clothing, gloves and eye/face protection</b></p>
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### 16. Other information

- 16.1 Declaration: **The safety sheet contains the data necessary for ensuring safety and protection of health during work and the protection of the environment. The aforementioned data corresponds to the existing status of knowledge and experience and is in accordance with the valid legal regulations. The data cannot be considered as a guarantee for the suitability and usability of the product for specific applications. Information regarding product properties and use can be found in the technical product sheet. This revision cancels the validity of all previous safety sheet revisions.**
- Changes from review: **Change in 1.1 - the extension by the product S101**
- 16.2 Relevant R phrases: **R 36/37/38 - Irritates the eyes, the respiratory organs and the skin.  
R 43 - Can cause sensitization through skin contact**

