



# SAFETY SHEET No. 42

## dry mortar mixtures ALFAFORM<sup>®</sup> SC.

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

Printed on:

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

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Revision: 20<sup>th</sup> February 2010

Version: 0.8

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

- 1.1 Business name for the substance: **ALFAFORM<sup>®</sup> SC.**  
(including SCA, SCB, SCF, SCE and SCL according to PN 72 2442)
- CAS number, ES number (EINECS): **Not assigned**
- Other names for the substance: **Not indicated**
- 1.2 Recommended use: **Building material – dry mortar mixture**
- 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 irrigate mucosa - particularly for sensitive persons.**
- 2.3 The most serious harmful effects to the environment when using the material: **Undetected.**
- 2.4 A warning symbol showing the risk is not used. **The classification is stated in Chapter 15.**

### 3. Composition / information about components

The product contains the following hazardous materials:

Chemical name	Content in (%)	CAS number	Warning symbol of the risk
<b>Scar of the Portland cement</b>	<b>15-40</b>	<b>65997-15-1</b> <b>266-43-4</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 reparation 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 chemical.</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 | Safe precautions for protection of persons:         | <b>It is necessary to prevent contact with eyes.</b>                                                                                                            |
| 6.2 | Safe precautions for protection of the environment: | <b>It is necessary to prevent uncontrolled escape into sewerage pipes.</b>                                                                                      |
| 6.3 | Recommended methods of cleaning and removing.       | <b>Fill with sand or wood dust and then collect or mix with dry component and after hardening liquidate as the other waste (catalogue no. 170101-Concrete).</b> |
| 6.4 | Other data:                                         | <b>Not indicated.</b>                                                                                                                                           |

### 7. Handling and storage

- |     |                            |                                                                                                                                             |
|-----|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|
| 7.1 | Instructions for handling: | <b>Handling of product according to the enterprise standard PN 72 2442 and technical manuals no. 42, 42-2.<br/>Special measures – none.</b> |
| 7.2 | Instructions for storage:  | <b>Store in dry places and protect against moisture and water.<br/>Special requirements – none.</b>                                         |

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

- |     |                                               |                                                                                                                                                                                                                                                                                                 |
|-----|-----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 8.1 | Limit values:                                 | <b>Permitted exposition limit (concentration) for cement (PEL<sub>c</sub>) - 10 mg/m<sup>3</sup>.</b>                                                                                                                                                                                           |
| 8.2 | Technical measures:                           | <b>Ensure perfect ventilation in the workplace.</b>                                                                                                                                                                                                                                             |
| 8.3 | Personal protective means:                    |                                                                                                                                                                                                                                                                                                 |
|     | Protection of respiration 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 cloth</b>                                                                                                                                                                                                                                                                         |
| 8.4 | Other data:                                   | <b>Personal working means must be kept in usable conditions and if damaged the working means must be replaced immediately. During the work it is not permitted to eat, drink or smoke. After the work it is necessary to wash hands with water and soap and to treat with reparation cream.</b> |
| 8.5 | Restriction of exposition of the environment: | <b>Data is not available.</b>                                                                                                                                                                                                                                                                   |





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### 9. Physical and chemical properties

State of 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 - 13.5</b>
Temperature (range of temperature) melting (°C):	<b>Data is not available</b>
Temperature (range of temperature) of boiling (°C):	<b>Data is not available</b>
Inflammation point °C	<b>Data is not available</b>
Flammability:	<b>Fire-proof</b>
Pyrophoricity:	<b>Not determined</b>
Limits of flammability: 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 specification of oil)	<b>Data is not available</b>
Dividing coefficient n-octanol/water:	<b>Data is not available</b>
Viscosity:	<b>Data is not available</b>
Density of vapours:	<b>Data is not available</b>
Speed of evaporation:	<b>Data is not available</b>
Other data:	<b>Data taken from report of the producer</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	Substances and materials with which the product must not be in contact:	<b>Data is not available</b>
10.4	Hazardous degradation product:	<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>
Sensibility	<b>Risk of origination of sensibility for very sensitive persons in the case of long contact with 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 of human being	<b>The product has the character of irritation substance in the form of dust and after contact with water it irritates eyes, respiratory organs and skin.</b>
Other information:	<b>Not indicated</b>





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### 12. Ecologic information

Acute toxicity:

LC<sub>50</sub>, 96 hour., fish (mg.l<sup>-1</sup>):

Data is not available

EC<sub>50</sub>, 48 hours, daphnia (mg.l<sup>-1</sup>):

Data is not available

IC<sub>50</sub>, 72 hours, algae (mg.l<sup>-1</sup>):

Data is not available

Mobility of the material or components of the substance:

Data is not available

Persistence and decomposability:

Data is not available

Bio-accumulating potential

Data is not available

Toxicity for other environment

Data is not available

CHSK:

Data is not available

BSK<sub>5</sub>:

Data is not available

Other data:

Ecotoxic effects may be reflected only in the case of escape of great volume and consequent solution of substance in water – increase of pH values

### 13. Instructions for removing

13.1 Manners of removing of material/substance:

After catching in dry condition the product can be used again. In the case of hardening liquidate as other waste (170101 - Concrete).

13.2 Manners of liquidation of contaminated packages:

Liquidate as the other wastes (150101 – Paper and cardboard packages).

13.3 Legal regulations:

Act No. 185/2001 Coll., on wastes, as amended.

13.4 Other data:

Not indicated.

### 14. Information for transport

Inland transport, air, water transport, marine transport

Not indicated.

Notes:

Not indicated.

Other data: Pursuant to Section § 22 par. 1 of Act No. 111/1994 Coll., on road transport, the product is not a 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).

### 15. Information about regulations

Legal regulations related to the material/substance: 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.

**Xi**



**irritative**

The product is classified as irritative, contains cement.

R phrases:

**R 36/37/38 Irritating to eyes, respiratory system and skin.**

**R43 May cause sensitization by skin contact**

S phrases:

**S 2 Keep out of the reach of children**

**S 22 Do not breathe dust**

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

**S 36/37/39 Wear suitable protective clothing, gloves and eye/face protection**





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### 16. Other information

- 16.1 Declaration: **The Safety Sheet contains data necessary to ensure safety and protection of health during work and protection of the environment. The mentioned data corresponds to the existing status of knowledge and experience and is in accordance with valid legal regulations. The data cannot be considered a guarantee for suitability and usability of the product for concrete applications. Information about product properties and its use is mentioned in the product technical sheet. This revision cancels the validity of all previous revisions of the Safety Sheet.**
- Changes from review: **Change the BL header - a reference to valid legislation**
- 16.2 Relevant R phrases: **R 36/37/38 - Irritating to eyes, respiratory system and skin  
R 43 - May cause sensitisation by skin contact**

