

# SAFETY SHEET No. 44

**ALFAFIX<sup>®</sup> BS adhesive cement**  
(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: 0.1

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

- 1.1 Business name for the substance: **ALFAFIX<sup>®</sup> BS**  
 CAS number, ES number (EINECS): **Not assigned**  
 Other names of the substance: **Not indicated**
- 1.2 Recommended use: **Acrylic adhesive cement used for sealing tiling strips from the Brick Flexy system**
- 1.3 Identification of the producer/importer:  
 Name or business name: **IZOTECHNIKA s.r.o.** **STOMIX, spol. s r.o.**  
 Place of business or registered office: **Krapkowice 47-300 PL** **790 66 Skorošice 197, 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. **Eye irritation, respiratory difficulties and skin irritation.**
- 2.3. The most serious harmful effects to the environment when using the material: **Undetected.**
- 2.4 A warning symbol shows the risk Xi. **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 for the risk
<b>Microbiocide on the basis of isothiazolines</b>	<b>&lt;0,2</b>	<b>55965-84-9</b>	<b>Xn,T,C,N</b> <b>R 23/24/25-34-43-50/53</b> <b>S 24/25-61</b>
<b>2-amino-2-methyl-1-propanol</b>	<b>&lt;0,05</b>	<b>124-68-5</b> <b>204-709-8</b>	<b>Xi</b> <b>R-36/38-52/53</b> <b>S 36/37/39-61</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: **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>The product is fire proof.</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>Ensure the replacement of air Special measures – none.</b>
7.2	Storage instructions:	<b>Store in dry areas and protect against direct sunlight, water and frost. Special requirements – none.</b>

## 8. Restriction of exposure / personal protective means

8.1	Limit values:	<b>Not stated</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 perfect ventilation is ensured.</b>
	Protection of eyes:	<b>Protective glasses, protective face shield</b>
	Protection of hands:	<b>Protective gloves (material – nitrile or chloroprene rubber, polyvinyl chloride)</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 reparation 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:	Dense paste substance
Colour:	white, light grey, grey
Odour (scent):	Mild, characteristic
pH value:	8,5-9,0
Temperature (range of temperature) melting (°C):	Data is not available
Temperature (range of temperature) for boiling (°C):	Data is not available
Inflammation point °C	Data is not available
Flammability:	Data is not available
Pyrophoricity:	Data is not available
Flammability limits: upper limit (% vol.):	Data is not available
lower limit (% vol):	Data is not available
Oxidation properties:	Data is not available
Vapour tension (at °C):	Data is not available
Density (at 20°C):	1600-1800 kg/m <sup>3</sup>
Solubility (at 20°C):	
- in water	Soluble
- in fats (including oil specification)	Data is not available
Dividing coefficient n-octanol/water:	Data is not available
Viscosity:	Data is not available
Density of vapours:	Data is not available
Viscosity Speed of evaporation	Data is not available
Further data:	Data is not available

### 10. Stability and reactivity

10.1	Conditions under which the material/substance is stable:	Data is not available
10.2	Conditions which must be prevented:	Data is not available
10.3	The product must not be in contact with the following substances and materials:	Data is not available
10.4	Hazardous degradation products:	When keeping to the correct principles of storage and manipulation there is no decomposition or hazardous reactions from the substance.

### 11. Toxicological information

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

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## 12. Ecological information

Acute toxicity:

- LC<sub>50</sub>, 96 hours, 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**

Material mobility or substance components: **Data is not available**

Persistence and degradability: **Data is not available**

Bio-accumulating potential: **Data is not available**

Toxicity for other environments: **Data is not available**

CHSK: **Data is not available**

BSK<sub>5</sub>: **Data is not available**

Further data: **Do not discharge into water without cleaning**

## 13. Instructions for removing

- 13.1 Methods of removing the material/substance: **In the case of hardening, liquidate as other waste (170101 - Concrete).**
- 13.2 Methods of liquidation of contaminated packages: **Liquidate as the other waste (150101 – Paper and cardboard packages).**
- 13.3 Legal regulations: **Act No. 185/2001 Coll., on waste, as amended.**
- 13.4 Further data: **Not indicated**

## 14. Transport information


Inland transport, air, water transport, marine transport: **Not indicated.**

Notes: **Not indicated.**

Further data: **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).**

## 15. Information regarding 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, ES Directive 1907/2006.**

<p>Risk symbol</p> <p>Xi</p>  <p>irritant</p>	<p>The product is classified as an irritant.</p> <p>R phrases:</p> <p><b>R 36/38 Irritating to eyes and skin</b></p> <p><b>R 43 Can cause sensitization through skin contact</b></p> <p>S phrases:</p> <p><b>S 2 Keep out of the reach of children</b></p> <p><b>S 26 In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice</b></p> <p><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 the BL header - a reference to valid legislation

16.2 Relevant R phrases:

R 23/24 /25	- Toxic in the case of breathing, contact with skin and ingestion
R 34	- Causes burning
R 36/38	- Irritating to eyes and skin
R43	- Can cause sensitization through skin contact
R 50/53	- Highly toxic for water organisms; may cause long-term negative effects in water environments
R 36	- Irritates the eyes