

**SECTION 1 Identification of the article and of the company/undertaking**

**1.1 Product identifier**

**Trade Name:** Flex I Slip Adhesive  
**Identification of the product:** Product Name: Klej Izoflex- SK (Flex I Slip adhesive)  
Product Code:

**1.2 Relevant identified uses of the substance, mixture or article and uses advised against**

**Identified use:** Adhesive for IZOFLEX system wall cladding and for ceramic tiles.  
**Use advised against:** Not Specified

**1.3 Details of the supplier of the safety data sheet**

**Supplier** SPS Envirowall Ltd  
Unit 27 Rosevale Road  
Parkhouse Industrial Estate West  
Newcastle under Lyme  
Staffordshire  
ST5 7EF  
United Kingdom  
Email: info@spsenvirowall.co.uk  
Telephone: 08451300983

**1.4 Emergency telephone number** NHS : 111

**SECTION 2 Hazards identification**

**2.1 Classification of the substance or mixture**

**Hazard class and category code** Mixture is not classified as dangerous.  
**regulation EC1272/2008 (CLP):**

**Hazards for human health:** None  
**Environmental hazards:** None  
**Physical/chemical hazards:** None

**2.2 Label elements**

**Labelling regulation (EC) 1272/2008 (CLP):** **Pictograms:** None  
**Signal word:** None  
**Hazard statements:** None  
**Precautionary statements:** None  
**Other details:** EUH208: Contains a mixture of 5-chlorine-2-methyl-2H-isothiasole-3-on [EC No 247-500-7] and 2-methyl-2H-isothiasole-3-on [EC No 220-239-6] (3:1); May cause an allergic reaction  
**EUH210:** Safety data sheet available on request.

**2.3 Other hazards**

No other hazards  
No information on compliance with PBT or vPvB criteria according to Annex XIII of the REACH Regulation.

**SECTION 3 Composition/information on ingredients**

**3.1 Substances:** Not applicable

**3.2 Mixtures / Dangerous Ingredients:**

Product Identifier	CAS No	EC No	Contents by Weight %	Index Number (REGULATION (EC) No 1272/2008)	Hazard class, category codes & H Phrase codes	REACH
2-amin-2-methylpropanol	124-68-5	204-709-8	<0.05%	603-070-00-6	Skin Irrit. 2 - H315 Eye Dam. 1 - H318 Aquatic Chronic 3 - H412	01-2119475788-16-XXXX
mixture of 5-chlorine-2-methyl--2H-isothiasole-3- AND 2-methyl-2H-isothiasole-3-on	55965-84-9	247-500-7 220-239-6	<0.0015%	613-167-00-5	Acute Tox. 3 - H331 Skin Corr. 1B - H311 Skin Sens. 1 - H301 Aquatic Acute 1 - H314 (M=10) - H317 Aquatic Chronic 1 - H400 (M=1) - H410	The substance is covered by transition period provisions

**SECTION 4 First aid measures**

**4.1 Description of first aid measures**

**Inhalation:** In case of dizziness or nausea, take the affected individual to fresh air and seek medical advice if there is no quick improvement.  
**Skin contact:** Wash the affected skin with water and soap, thoroughly rinse with water, if irritation or erythema appears, seek medical advice.  
**Eye contact:** Rinse with plenty of water for several minutes (ca. 15), keeping the lids wide open. Avoid a strong stream due to risk of corneal damage, seek medical advice.  
**Ingestion:** Do not provoke vomiting. Rinse mouth with water. Give a lot of water to drink. Seek medical advice.

**4.2 Most important symptoms and effects, both acute and delayed**

**Skin Contact:** May result in an allergic reaction to sensitive individuals.  
**Eye Contact:** Possible irritation if in direct contact.  
**Ingestion:** Symptoms of food poisoning, stomach ache, nausea, vomiting, diarrhoea.  
**Inhalation:** No known harmful effects.

**4.3 Indication of any immediate medical attention and special treatment needed**

**Immediate / Special Treatment:** Decision on how to handle the affected individual is taken by the doctor upon assessment of the individual's condition.

**SECTION 5 Fire-fighting measures**

**5.1 Extinguishing media**

**Suitable Extinguishing media:** Alcohol-resistant foam or dry powders (A, B, C), carbon dioxide, sand or soil. Fire fighting methods to match the environmental  
**Unsuitable Extinguishing media:** Strong water jet.

**5.2 Special hazards arising from the substance or mixture**

In a fire, toxic decomposition products are released by high temperatures, containing e.g. carbon oxides.

**5.3 Advice for fire-fighters**

Containers in the fire zone to be cooled down with a dispersed stream of water and removed from the danger zone if possible. If there is a fire in an enclosed room, protective clothing and compressed-air breathing apparatus to be used. Do not allow fire fighting water to penetrate into surface and groundwater and the sewerage system.

**SECTION 6 Accidental release measures**

**6.1 Personal precautions, protective equipment and emergency procedures**

**Personal precautions:** For non-emergency personnel: notify the relevant services of the accident. Evacuate all persons not involved in the emergency action from the hazardous area.  
**For emergency responders:** Ensure proper ventilation, avoid direct eye and skin contact, use personal protective equipment.

**6.2 Environmental precautions:**

Prevent spreading and penetration into the sewerage system and water reservoirs

**6.3 Methods and material for containment and cleaning up**

Avoid spread and remove by collection on absorbing material (sand, sawdust, filter earth, all-purpose sorbent); place contaminated material in properly marked containers to be disposed as per the effective laws.

**6.4 Reference to other sections**

Product waste handling - see section 13 of this SDS.  
Personal protective equipment - see section 8 of this SDS.



## SECTION 7 Handling and storage

### 7.1 Precautions for safe handling

Avoid eye contact. Avoid prolonged or repeated skin contact. Avoid spilling. Avoid inhalation of product vapours. Work according to health and safety rules: do not eat or drink, do not smoke in the workplace, wash hands after use, take off contaminated clothing and protective equipment before entering dining areas.

### 7.2 Conditions for safe storage, including any incompatibilities

Store in cool, dry, well-ventilated room in a properly marked, tightly closed original container. Avoid direct sun exposure and sources of heat, hot surfaces and open fire. Protect against frost.

### 7.3 Specific end use(s)

Adhesive for IZOFLEX system wall cladding and for ceramic tiles

## SECTION 8 Exposure controls/personal protection

### 8.1 Control parameters

None

### 8.2 Exposure controls

**Appropriate engineering controls:** General room ventilation is recommended

**Personal protective equipment:** **Eye or face protection:** Use protective goggles or face-protecting mask (as per EN 166).



**Skin protection:** Use protective gloves resistant to chemicals made of natural rubber or PVA, conforming to EN-PN 374:2005

**Glove material:** Selection of appropriate gloves does not only depend on the material, but also on the brand and quality of a specific manufacturer. Glove material resistance may be specified after testing. The exact glove wear time must be specified by the manufacturer.

**Other:** Use protective work clothing - wash regularly.

**Respiratory protection:** Avoid inhalation of product vapours.

**Thermal hazards:** Not applicable

**Environmental exposure controls:** Prevent spreading in the environment and penetration into the sewerage system and waterways.

## SECTION 9 Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

**Appearance:** Thick compound

**Colour:** White to Grey

**Odour:** Light, specific

**Odour Threshold:** Not specified

**pH value:** 8.5

**Melting point/freezing point:** Not specified

**Initial boiling point and boiling range:** Not specified

**Flash point:** Not specified

**Evaporation rate:** Not specified

**Flammability:** Not specified

**Explosive limits** Upper: Not specified Lower: Not specified

**Vapour pressure:** Not specified

**Relative Vapour density:** Not specified

**Density at 20°C:** 1.60 - 1.80 g/cm<sup>3</sup>

**Solubility in solvents:** Not soluble in water

**Partition coefficient n-octanol-water:** Not specified

**Spontaneous combustion temperature:** Not specified

**Decomposition temperature:** Not specified

**Dynamic viscosity:** Not specified

**Kinematic viscosity:** Not specified

**Explosive properties:** Not specified

**Oxidising properties:** Not specified

### 9.2 Other information

No additional test results.

## SECTION 10 Stability and reactivity

### 10.1 Reactivity

Unknown

### 10.2 Chemical stability

Product stable under normal use, storage and transport conditions.

### 10.3 Possibility of hazardous reactions

None

### 10.4 Conditions to avoid

Avoid increased temperature, direct sun exposure, hot surfaces, and open fire. Protect against frost.

### 10.5 Incompatible materials

None

### 10.6 Hazardous decomposition products

Toxic decomposition products are released in high temperatures - carbon oxides.

## SECTION 11 Toxicological information

### 11.1 Information on toxicological effects

**Acute toxicity:** Not present

**Skin corrosion/irritation:** Not present

**Serious eye damage/eye irritation:** Not present

**Respiratory or skin sensitisation:** Not present

**Germ cell mutagenicity:** Not present

**Carcinogenicity:** Not present

**Reproductive toxicity:** Not present

**Specific target organ toxicity - single exposure:** Not present

**Specific target organ toxicity - repeated exposure:** Not present

**Aspiration hazard:** Not present

### Information on possible exposure

**Skin Contact:** May result in an allergic reaction to sensitive individuals

**Eye Contact:** Possible irritation if in direct contact.

**Respiratory System:** No known harmful effects.

**Digestion System:** Symptoms of food poisoning, stomach ache, nausea, vomiting, diarrhoea.

**Delayed and immediate effects as well as chronic effects from short and long-term exposure:** No data

**Mutual interaction effects:** No data

## SECTION 12 Ecological information

### 12.1 Toxicity

No data.

### 12.2 Persistence and degradability

No data.

### 12.3 Bioaccumulative potential

No data.

### 12.4 Mobility in soil

No data.

### 12.5 Results of PBT and vPvB assessment

No data.

### 12.6 Other adverse effects

No data.

## SECTION 13 Disposal considerations

### 13.1 Waste treatment methods

Waste and disposable packaging should be disposed of by specialised contractors. Dispose of as per the applicable regulations. Empty packaging to be disposed of or recycled as per the applicable laws.  
Regulation of the Minister of Environment of 9 December 2014 on the catalogue of wastes (Journal of Laws [Dz.U.] No 1923).  
Council Directive 75/442/EC on waste. Council Directive 91/689 EEC on hazardous waste, Commission Decision No 2000/532/EC of 3 May 2000 establishing a list of wastes, OJ L 226/3 of 6 September 2000, as amended.

## SECTION 14 Transport information

<b>14.1 UN number</b>	Not applicable
<b>14.2 UN proper shipping name</b>	Not applicable
<b>14.3 Transport hazard class(es)</b>	Not applicable
<b>14.4 Packaging group</b>	Not applicable
<b>14.5 Environmental hazards</b>	Not applicable
<b>14.6 Special precautions for user</b>	Not applicable
<b>14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC code</b>	Not applicable

## SECTION 15 Regulatory information

### 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

1. Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), as amended
2. Commission Regulation (EU) No 2015/830 of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)
3. Regulation 1272/2008 (CLP) of the European Parliament and of the Council of 16 December 2008, as amended
4. Act of 25 February 2011 on chemical substances and their mixtures (Dz.U. No 63, item 322, as amended)
5. Regulation of the Minister of Health of 10 October 2013 amending regulation on the categories of dangerous substances and mixtures whose packaging is provided with closures preventing their opening by children and providing tactile warning (Dz. U. 2013 No 0 item 1225)
6. Waste Act of 14 December 2012 (Dz. U. of 2013, No 0, item 21);
7. Act on packaging and packaging waste management of 13 June 2013 (Dz.U. 2013, item 888).
8. Regulation of the Minister of Environment of 9 December 2014 on the catalogue of wastes (Journal of Laws [Dz.U.] No 1923).
9. Council Directive 75/442/EEC on waste, Council Directive 91/689/EEC on hazardous waste, Commission Decision No 2000/532/EC of 3 May 2000 establishing a list of wastes, OJ L 226/3 of 6 September 2000, as amended.
10. Act of 19 August 2011 on the carriage of dangerous goods (Dz.U. No 227, item 1367, as amended)
11. Government Declaration of 23 March 2015 concerning the entry into force of changes to Annex A and B of the European agreement concerning the International Carriage of Dangerous Goods by Road (ADR), done at Geneva on 30 September 1957 (Dz.U. 2015, item 882),
12. Regulation of the Minister of Labour and Social Policy of 6 June 2014 on maximum permissible concentrations and intensities of agents harmful to health in work environment (Dz.U. item 817, as amended)
13. Regulation of the Minister of Health of 30 December 2004 on occupational health and safety where chemical agents are present in work environment (Dz. U. of 2005, No 11, item 86, as amended).
14. Regulation of the Minister of Environment of 9 December 2003 on substances posing particular environmental hazards (Dz.U. No. 217, item 2141).

### 15.2 Chemical safety assessment:

No chemical safety assessment report for the mixture.

## SECTION 16 Other information

### H Statements:

- H301** - toxic if swallowed
- H301** - toxic in contact with skin
- H314** - causes severe skin burns and eye damage
- H315** - causes skin irritation
- H317** - may cause an allergic skin reaction
- H318** - causes serious eye damage
- H331** - toxic if inhaled
- H400** - very toxic to aquatic life
- H410** - very toxic to aquatic life with long-lasting effects
- H412** - harmful to aquatic life with long-lasting effects

### Description of abbreviations, acronyms and symbols used:

- Eye Dam. 1** - serious eye damage cat. 2
- Skin Irrit. H315** - causes skin irritation cat 2
- Acute Tox. 3** - acute toxicity cat. 3
- Skin Corr. 1B** - skin corrosion cat. 1B
- Skin Sens. 1B** - skin sensitisation cat. 1
- Aquatic Acute 1** - poses a hazard to aquatic environment, cat. 1
- Aquatic Chronic 1** - poses a hazard to aquatic environment, cat. 1
- Aquatic Chronic 3** - poses a hazard to aquatic environment, cat. 3
- PBT** - Persistent, bioaccumulative and toxic
- vPvB** - Very persistent and very bioaccumulative
- ADR** - European agreement concerning the International Carriage of Dangerous Goods by Road
- RID** - Regulations concerning the International Carriage of Dangerous Goods by Rail
- IMDG** - International Maritime Dangerous Goods Code
- IATA** - The International Air Transport Association's Dangerous Goods Regulation

Basis for classification: product is not classified as dangerous

### SOURCE MATERIALS

Annex to Regulation (EU) 2015/830 of 28 May 2015  
Laws and regulations referenced in section 15 of this sheet  
Information from the Chemical Substances Office  
SDSs of the manufacturer - TILES IZOFLEX AND ADHESIVE IZOFLEX - SK.

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