

**Material Safety Data Sheet**  
Regulation (EC) 1907/2006 Article 31

Date of issue: 25/06/2015

Revision 1

Updated on: 25/06/2015

**SECTION 1: Identification of the substance/mixture and the company/undertaking****1.1 Product identifier**

- **Commercial name:** **Stegu Rustical Joint, white/graphite/cream/grey**
- **1.2. Relevant identified uses of the substance or mixture and uses advised against**  
No available data.
- **Identified uses of the substance or mixture** Construction chemical

**1.3. Details of the supplier of the Safety Data Sheet****Manufacturer/Supplier:**

Selena S.A.  
ul. Wyścigowa 56e, 53-012 Wrocław, Poland  
Hotline: 0801 350 500  
e-mail: [selena@selena.pl](mailto:selena@selena.pl)  
[www.selena.pl](http://www.selena.pl)

**MSDS responsible unit:** [msdspl@selena.pl](mailto:msdspl@selena.pl)**1.4. Emergency telephone number**

European emergency number: 112 (24h)  
0801 350 500 (8:00 to 16:00)  
Tel.: +48 717838 290 (8:00 to 16:00)

**SECTION 2: Hazards identification**

- **2.1. Classification of the substance or mixture**
- **Classification to Regulation (EC ) No. 1272/2008**



GHS05 Corrosive

Eye Dam. 1 H318 Causes serious eye damage.



GHS07

Skin Irrit. 2 H315 Causes skin irritation.  
Skin Sens. 1 H317 May cause skin sensitization.  
STOT SE 3 H335 May cause respiratory irritation.

**2.2. Label elements:****Labelling to Regulation (EC ) No. 1272/2008**

This product has been classified and labelled according to the CLP regulations.

**Hazard symbols**

GHS05 GHS07

**Signal word** Danger**Hazardous components labelled:**

Portland clinker  
Cement manufacturing dust  
Iron sulphate (II)

**Hazard (H) phrases**

H315 Causes skin irritation.  
H318 Causes serious eye damage.

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H317 May cause an allergic skin reaction.

H335 May cause respiratory irritation.

· **Precautionary (P) statements**

P102 Keep out of reach of children.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P362 Take off contaminated clothing

P363 Wash contaminated clothing before reuse

P304 + P341 IF INHALED: If breathing difficulty occurs, remove person to fresh air and keep comfortable for breathing.

P333+P313 If skin irritation or a rash occurs: Call/consult a doctor.

P302 + P352 IF ON SKIN: Wash with plenty of water.

· **2.3. Other hazards**

· **Results of PBT and vPvB assessment**

· **PBT:** No available data.

· **vPvB:** No available data.

**SECTION 3: Composition/information on ingredients**

· **3.1. Chemical characteristics: Mixtures**

· **Description:** A mixture of the components listed below with safe admixtures.

· **Hazardous components:**

CAS: 65997-15-1 EINECS: 266-043-4	Portland clinker ⚠ Eye Dam. 1, H318; ⚠ Skin Irrit. 2, H315; Skin Sens. 1, H317; STOT SE 3, H335	<25.1%
CAS: 68475-76-3 EINECS: 270-659-9 Reg. no.: 01-2119486767-17-00-6	Cement manufacturing dust ⚠ Eye Dam. 1, H318; ⚠ Skin Irrit. 2, H315; Skin Sens. 1, H317; STOT SE 3, H335	<1.3%
CAS: 7720-78-7 EINECS: 231-753-5 Reg. no.: 01-2119513203-57-xxxx	Iron sulphate (II) ⚠ Acute Tox. 4, H302; Skin Irrit. 2, H315; Eye Irrit 2, H319; Skin Sens. 1A, H317	<0.3%

· **Additional indications:**

See Section 16 for a full list of the indications provided herein.

**SECTION 4: First aid measures**

· **4.1. Description of first aid measures**

· **General:** Immediately consult a doctor.

· **If inhaled:**

Supply plenty of fresh air and call a doctor.

· If unconscious, lay and transport in a safe position on the side.

· **If on skin:**

Do not wash with solvents or thinners.

Remove contaminated clothing and shoes.

Immediately wash with water and soap and rinse well.

· **If in eyes:**

Remove contact lenses, if any. Keep the eyelids wide open and wash with plenty of water for a minimum of 30 to 60 minutes. Consult/visit a doctor.

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Keep the eyelids wide open and wash the eyes under running water for several minutes, then consult a doctor.

**· If ingested:**

Wash the mouth with water.

Do not give anything to drink.

**· Advice for medical doctors:****· 4.2. Most important symptoms and effects, both acute and delayed**

Skin contact: May cause redness and irritation.

Eye contact: Causes irritation of the eyes, pain, and redness.

**· 4.3. Indications of any immediate medical attention and special treatment**

Aspiration hazard if swallowed or if vomiting occurs.

**\* SECTION 5: Firefighting measures****· 5.1. Extinguishing media**

**· Suitable extinguishing media:** All typical extinguishing media.

**· Unsuitable extinguishing media:** None specified.

**· 5.2. Special hazards arising from the substance or mixture** No available data.

**· 5.3. Advice for firefighters****Special protective equipment:**

Wear full protective clothing.

Wear self-contained breathing apparatus.

**\* SECTION 6: Accidental release measures****· 6.1. Personal precautions, protective equipment and emergency procedures**

Wear personal protective clothing.

Provide sufficient ventilation.

**· 6.2. Environmental precautions:**

Prevent release to sewage systems, surface waters and ground water.

**· 6.3. Methods and materials for containment and cleaning up:**

Clean up the accidental release site. Suitable cleanup materials:

Warm water

Leave to cure and remove with mechanical tools.

Provide sufficient ventilation.

**· 6.4. Reference to other sections**

Safe handling, see Section 7.

Personal protection equipment, see Section 8.

Disposal, see Section 13.

**\* SECTION 7: Handling and storage****· Handling:****· 7.1. Precautions for safe handling**

Do not eat, drink or smoke at work.

Keep all containers sealed.

**· Guidelines for fire and explosion protection:**

No special procedures required.

**· 7.2. Conditions for safe storage, including any incompatibilities****· Storage:****· Requirements for storage areas and containers:**

Keep in original containers only.

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- Protect from water and humidity.
- **Guidelines for common storage:**
  - Do not store in contact with food.
  - Do not store in contact with water.
- **Other storage guidelines:** Keep the container sealed.
- **7.3. Specific end use(s)** No available data.

**SECTION 8: Exposure controls/personal protection**

- **Other guidelines for engineering controls:**  
No further data available. See Section 7.

**8.1. Control parameters**

<b>Components with controlled limit values depending on the work place:</b>	
<b>65997-15-1 Portland clinker</b>	
NDS (MPC)	NDSch (MPIC): 6*, 2** mg/m <sup>3</sup> *total particulates; **respirable particulates

<b>DNEL</b>	
<b>65997-15-1 Portland clinker</b>	
Inhaled	DNEL 2 mg/m <sup>3</sup> (human)

- **8.2. Exposure controls**
- **Personal protection equipment:**
- **General protection and hygiene measures:**
  - Apply preventive protection by using protective skin creams.
  - Keep away from food and animal feed.
  - Immediately remove contaminated/soaked clothes.
  - Wash hands before each work break and after work.
  - Avoid contact with skin.
  - Avoid contact with eyes and skin.
- **Respiratory protection:**
  - Short-term filtration equipment:  
P2 filter
  - If short-term or minor loads occur, use filtering breathing apparatus. If intense or prolonged exposure occurs, use self-contained breathing apparatus.
- **Hand protection:**



Protective gloves.

The glove material must be impermeable and resistant to the product/substance/preparation. Select the protective glove material by its perforation time, penetration rate and degradation.

- **Glove materials**
  - Rubber gloves
  - The selection of the proper gloves depends on the material and other quality features that may vary between specific manufacturers. The product is a preparation composed of several substances. The resistance of glove materials cannot be calculated beforehand and must be verified in practice before use.
- **Glove material penetration time**
  - Penetration time > 8h
  - Consult the glove manufacturer for the precise perforation time and follow it.
- **Eye protection:**

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Tightly fitted safety glasses

- **Body protection:**  
Protective work garment.  
Protective shoes.  
Over the ankle boot.

**\* SECTION 9: Physical and chemical properties**

· <b>9.1. Information on basic physical and chemical properties</b>	
· <b>General data</b>	
· <b>Appearance:</b>	
Form:	Powder
Colour:	According to the product commercial name
· <b>Odour:</b>	Weak, specific
· <b>Odour threshold:</b>	None specified.
· <b>pH:</b>	-
· <b>State transition</b>	
Melting point/range:	Not defined.
Boiling point/range:	Not defined.
· <b>Flash point:</b>	Not defined.
· <b>Flammability (solid/gas):</b>	None specified.
· <b>Combustion temperature:</b>	Not defined.
· <b>Decomposition temperature:</b>	None specified.
· <b>Self-ignition:</b>	Not self-ignitable.
· <b>Explosion hazard:</b>	Not an explosion hazard.
· <b>Upper/lower explosion limits:</b>	
LEL:	None specified.
UEL:	None specified.
· <b>Vapour pressure:</b>	None specified.
· <b>Density:</b>	Not defined.
· <b>Relative density:</b>	None specified.
· <b>Vapour density</b>	None specified.
· <b>Evaporation rate</b>	None specified.
· <b>Solubility in water:</b>	Insoluble
· <b>Partition coefficient (n-octanol/water):</b>	None specified.
· <b>Viscosity:</b>	
Dynamic:	None specified.
Kinetic:	None specified.
· <b>Solvents content:</b>	
organic solvents:	0 %
Water:	0 %
Solids:	100 %
· <b>9.2. Other information</b>	No available data.

**\* SECTION 10: Stability and reactivity**

- **10.1. Reactivity**
- **10.2. Chemical stability** Stable if used as intended.  
**Thermal decomposition / conditions to avoid:**

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No decomposition occurs if used as intended.

- **10.3. Possibility of hazardous reactions** Reacts with metallic powders.
- **10.4. Conditions to avoid** Avoid moisture.
- **10.5. Incompatible materials:** Al
- **10.6. Hazardous decomposition products:** No known hazardous decomposition products.

**SECTION 11: Toxicological information**· **11.1. Information on toxicological effects**· **Acute toxicity**· **Relevant classified LD/LC50 values:****65997-15-1 Portland clinker**

Inhalation LC50/4h 1 mg/l (rat)

· **Primary potential irritation: Action Species Method:**· **Skin corrosion/irritation** Irritates the skin and mucous membrane.· **Serious eye damage/eye irritation**

Strong irritation with risk of severe eye damage.

· **Respiratory/skin sensitization** Potentially sensitizing if skin contact occurs.· **Other toxicological guidelines:**

The product is hazardous as follows, as calculated according to the EC general classification guidelines for formulations (in the latest version):

Irritant.

· **Acute effects (acute toxicity, irritant and corrosive)**

Inhalation of fumes may irritate the lower and upper respiratory tract, resulting in cough and respiratory disorders. Higher concentration levels may cause pulmonary oedema.

Ingestion may cause health problems, including stomachache and nausea.

**SECTION 12: Ecological information**· **12.1. Toxicity**· **Aquatic toxicity:** No available data.· **12.2. Persistence and degradability**

Not biodegradable.

Once hardened, the product is solid and insoluble in water.

· **Environmental compartments:**· **12.3. Bioaccumulative potential** No available data.· **12.4. Mobility in soil** No available data.· **Other environmental guidelines:**· **General:**

Prevent the undiluted product or its large quantities from entering ground water, surface waters or sewage systems.

· **12.5. Results of PBT and vPvB assessment**· **PBT:** Not applicable.· **vPvB:** Not applicable.**12.6. Other harmful activity effects** No available data.**SECTION 13: Disposal considerations**· **13.1. Waste treatment methods**· **Recommendations:**

Solid waste and hardened product can be disposed of as construction rubble.

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Dispose of in accordance with current regulations.

Do not process with household waste. Prevent from entering sewage systems.

- **European Waste Catalogue**

- 10 13 82 Waste from production of mineral binders – Defective products

- 15 01 05 Composite packaging

- **Contaminated containers:**

- **Recommendations:** Dispose of according to local regulations (see Section 15).

**SECTION 14: Transport information**

<ul style="list-style-type: none"> <li>· <b>14.1. UN number</b></li> <li>· <b>ADR, ADN, IMDG, IATA</b></li> </ul>	Product not classified as hazardous.
<ul style="list-style-type: none"> <li>· <b>14.2. UN proper shipping name</b></li> <li>· <b>ADR, ADN, IMDG, IATA</b></li> </ul>	Product not classified as hazardous.
<ul style="list-style-type: none"> <li>· <b>14.3. Transport hazard class(es)</b></li> <li>· <b>ADR, ADN, IMDG, IATA</b></li> <li>· <b>Class</b></li> </ul>	Product not classified as hazardous.
<ul style="list-style-type: none"> <li>· <b>14.4. Packing group</b></li> <li>· <b>ADR, IMDG, IATA</b></li> </ul>	Product not classified as hazardous.
<ul style="list-style-type: none"> <li>· <b>14.5. Environmental hazards:</b></li> <li>· <b>Marine pollutants:</b></li> </ul>	No.
<ul style="list-style-type: none"> <li>· <b>14.6. Special precautions for user</b></li> </ul>	No available data.
<ul style="list-style-type: none"> <li>· <b>14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code"</b></li> </ul>	No available data.
<ul style="list-style-type: none"> <li>· <b>Transport / other information:</b></li> </ul>	The product is not classified as dangerous goods under ADR/RID.
<ul style="list-style-type: none"> <li>· <b>UN Model Regulation:</b></li> </ul>	-

**SECTION 15: Regulatory information**

- **15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

- **Country-specific regulations:**

- a) Polish Act of 25 February 2011 on chemicals and mixtures thereof (Dz.U. no. 63 item 322, as amended).

- b) Polish Regulation of the Ministry of Health dated 10 August 2012 and concerning the criteria and classification methods for chemicals and mixtures thereof (Dz.U. 2012, no. 0 item 1018, as amended).

- c) Polish Regulation of the Ministry of Economy dated 21 December 2005 and concerning the essential requirements for personal protective equipment (Dz.U. 2005, no. 259 item 2173).

- d) Polish Regulation of the Ministry of Health dated 20 April 2012 and concerning the list packaging labelling of hazardous substances and mixtures and certain mixtures (Dz.U. 2012, no. 0 item 445).

- e) Polish Regulation of the Ministry of Labour and Social Policy dated 29 November 2002 and concerning the maximum permissible concentration and intensity of health hazards at the workplace (Dz.U. no. 217 item 1833, as amended).

- f) Polish Regulation of the Ministry of Health dated 02 February 2011 and concerning the tests and measurements of health hazards at the workplace (Dz.U. no. 33 item 166).

- g) Government Declaration of 23 March 2011 concerning the effective implementation of amendments to the ADR Annex A and B, made in Geneva on 30 September 1957 (Dz.U. no. 110 item 641).

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- h) Polish Waste Act of 14 December 2012 (Dz.U. 2013, item 21, as amended).
- i) Polish Act of 13 June 2013 on packaging and packaging waste management (Dz.U. 2013, 0 item 888).
- j) Directive 2008/98/EC of the European Parliament and of the Council of 19 November 2008 on waste and repealing certain directives, as amended.
- k) Polish Regulation of the Ministry of Environmental Protection dated 27 September 2001 and concerning the Waste Catalogue (Dz.U. no. 112 item 1206).
- l) Polish Regulation of the Ministry of Economy dated 21 December 2005 and concerning the essential requirements for personal protective equipment (Dz.U. no. 259 item 2173).
- m) Regulation (EC) No. 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No. 793/93 and Commission Regulation (EC) No. 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, as amended.
- n) Regulation (EC) No. 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No. 1907/2006 (O
- o) Directive 94/62/EC of the European Parliament and of the Council of 20 December 1994 on packaging and packaging waste, as amended.
- p) Polish Regulation of the Ministry of Environmental Protection dated 24 July 2006 and concerning the requirements for discharge of sewage to water and soil and substances extremely hazardous to aquatic environment (Dz.U. 2006, no. 137 item 984).
- r) Polish Act of 11 May 2001 on packaging and packaging waste (Dz.U.01.63.638, as amended).
- s) Polish Regulation of the Ministry of Environmental Protection dated 27 September 2001 and concerning the Waste Catalogue (Dz.U.01.112.1206).
- t) Polish Regulation of the Ministry of Labour and Social Policy dated 06 June 2014 and concerning the maximum permissible concentration and intensity of health hazards at the workplace (Dz.U. 2014, no. 0 item 817).

**Chemical Safety Assessment:**

No CSA has been made.

**SECTION 16: Other information**

The data presented herein is based on our best knowledge and does not define the ultimate production properties or construe any legal agreement.

**Hazard (H) phrases**

- H302 Harmful if swallowed
- H315 Causes skin irritation.
- H317 May cause an allergic skin reaction.
- H318 Causes serious eye damage.
- H319 Causes serious eye irritation
- H335 May cause respiratory irritation.

**Recommended restrictions of use** See the relevant Technical Data Sheet of the product.**Data compiling unit:** Technical Documentation Department.**Contact person:** [msds@selena.com](mailto:msds@selena.com)**Abbreviations and acronyms:**

- ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
- IMDG: International Maritime Code for Dangerous Goods
- IATA: International Air Transport Association
- GHS: Globally Harmonised System of Classification and Labelling of Chemicals
- EINECS: European Inventory of Existing Commercial Chemical Substances
- ELINCS: European List of Notified Chemical Substances



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CAS: Chemical Abstracts Service (division of the American Chemical Society)  
DNEL: Derived No-Effect Level (REACH)  
LC50: Lethal concentration, 50 percent  
LD50: Lethal dose, 50 percent  
Acute Tox. 4: Acute toxicity, Hazard Category 4  
Skin Irrit. 2: Skin corrosion/irritation, Hazard Category 2  
Eye Dam. 1: Serious eye damage/eye irritation, Hazard Category 1  
Eye Irrit. 2: Serious eye damage/eye irritation, Hazard Category 2  
Skin Sens. 1: Sensitisation - Skin, Hazard Category 1  
Skin Sens. 1A: Sensitisation - Skin, Hazard Category 1A  
STOT SE 3: Specific target organ toxicity - Single exposure, Hazard Category 3