



SAFETY DATA SHEET according to regulation EC 1907/2006 (REACH) and its updates

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SPEKTRA SILICONE - SILICATE PLASTER

Revision No.:2/ 2
First Revision Date: 27-03-18
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1. Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product	SPEKTRA SILICONE - SILICATE PLASTER
Item code(s):	480827, 480831, 480832 Note: The following material codes are codes, without packaging, safety data sheet applies to all packages of those codes.

1.2. Relevant identified uses of the substance or mixture and uses advised against

Use, scope:	The product is used in consumer and professional use.
Restrictions on use	No restrictions known.

1.3. Details of the supplier of the safety data sheet

Producer	CHROMOS - Boje i lakovi d.d. Radnička cesta 173D 10000 Zagreb - Hrvatska Tel.: + 385 1 241 0666, Fax.: + 385 1 240 5512
Responsible person	Matija Podobnik, e-mail: matija.podobnik@helios.si
Distributor:	HELIOS TBLUS d.o.o., Količevo 65, Domžale, Slovenija, tel.: +386 1 722 40 00, fax: +386 1 722 43 10 www.helios.si

1.4. Emergency telephone number

Phone	In case of health hazard, consult a private or a doctor on duty. For additional information please call phone number +386 (1) 722 4383 HSE dept.).
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2. Hazards identification

2.1. Classification of the substance or mixture

Classification (EU 1272/2008)

Categories of danger	Material according to the criteria for the classification (in accordance with CLP-EU GHS, no. 1272/2008) is not classified as dangerous.
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2.2. Label elements

EU 1272/2008:

Hazard phrases (H-phrases):	Material according to the criteria for the classification (in accordance with CLP-EU GHS, no. 1272/2008) is not classified as dangerous.
Precautionary statements:	P101 - If medical advice is needed, have product container or label at hand. P102 - Keep out of reach of children.

2.3. Other hazards

	No data available
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3. Composition/information on ingredients

3.2. Mixtures

Chemical composition:	Plaster based on potassium water glass and dispersion of acrylate copolymers.
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Chemical Name	Concentration [weight %]	CAS EINECS EU INDEX REACH reg.no.	Classification (REGULATION (EC) No. 1272/2008) Notes
isoproturon	<0,1	34123-59-6 251-835-4 006-044-00-7	Aquatic Chronic 1; H410 Aquatic. Acute 1; H400 Carc. 2; H351 AQUATIC CHRONIC 1: M = 10 AQUATIC ACUTE 1: M = 10

Notes:	The classification for the product was made on basis of actual content of components. The contained substances are shown in intervals. In case of inspection check (control of classification) we are ready to send to inspection bodies on their request the actual content of individual components.
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4. First aid measures

4.1. Description of first aid measures

In case of excessive inhalation:	If there are any symptoms transfer the victim to clean air.
In case of contact with skin:	Remove contaminated clothing. Wash skin with soap and water. Do not use organic solvents or thinners.
In case of contact with eyes:	With clean fingers space the eyelids and direct water in the eyes (with moderate and lukewarm water jet) and rotate the eyes so that water reaches all parts of the eye. In case of eye or tearing seek medical help.
In case of ingestion:	Do not eat. Rinse mouth with water. Do not induce vomiting.

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

In case of excessive inhalation:	Respiratory tract irritation, coughing, burning sensation in the nasal cavity.
In case of contact with skin:	Slight skin irritation, which includes signs: localized redness, dryness, consequently itching is possible.
In case of contact with eyes:	Slight inflammation of the eye, including the signs: painful burning and stinging, tearing, and may also be pain. Conjunctivitis may appear.

In case of ingestion:	None data known.
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4.3. Indication of any immediate medical attention and special treatment needed

	No data available
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5. Firefighting measures

5.1. Extinguishing media

Fire Extinguishing Media:	Due to non-flammable properties of the product does not require special treatment. The product is not flammable. Close vessels with the product.
Unsuitable extinguishing media:	Open water jet

5.2. Special hazards arising from the substance or mixture

Specific methods of extinguishing fire:	Not necessary.
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5.3. Advice for firefighters

Special equipment to protect firefighters:	There are no special features.
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6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions:	Provide good ventilation.
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6.2. Environmental precautions

Environmental precautions:	Prevent leakage into water, water dams, cellars, caves or sewage system.
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6.3. Methods and material for containment and cleaning up

Methods of cleaning up:	Dam up the outflow and mix outflow product with soil, sand and other absorptive materials for liquids. Remove the mixture to deposits for special waste. Absorb the outflow product and mix it with soil, sand or other absorptive materials for liquids. Leave waste to the authorized waste collectors.
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6.4. Reference to other sections

Disposal of waste - Chapter 13, personal protective equipment - Chapter 8.

7. Handling and storage

7.1. Precautions for safe handling

Personal precautions:	When handling avoid contact with eyes and skin and to prevent leakage / diffusion of product into the environment.
Advice on safe handling:	At the handling with product ventilate the room thoroughly. Provide the fulfillment of regulations of safety at work. Close vessels with the product. Do not eat or drink during the use.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures and	Store at the temperature from 5°C to 35°C. THE PRODUCT SHOULD
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conditions:	NOT FREEZE. Do not store together with food or fodder. Keep the product in a tightly closed vessel in a dry and well ventilated room and according to conditions, which are on the label or in technical documentation. The packaging should be marked with the producer's original label.
Storage Class:	12 (German VCI Guideline)
7.3. Specific end use(s)	No further relevant information available.

8. Exposure controls/personal protection

8.1. Control parameters

The prescribed of threshold limit value (TLV) for occupational exposure to hazardous substances in the atmosphere post the Regulation on the safety of employees from risks against chemical substance exposure at work:

No exposure limits exist for the constituents of this product. No engineering controls are likely to be required to maintain operator comfort under normal conditions of use.

8.2. Exposure controls

Respiratory protection:	Not needed.
Hand protection:	Special protection is not necessary, use protective gloves only at direct contact with the product
Eye protection:	Not needed.
Skin protection:	Wear protective overalls made of cotton.

9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

(a) Appearance:	Pastous mass
(b) Odour:	Specific for dispersion coatings
(c) Odour threshold:	No data
(d) pH:	8,0 - 9,5
e) Melting point/freezing point:	0 °C ; computational method, based on component data ; Water
(f) Initial boiling point and boiling range:	100 °C ; computational method, based on component data ; Water
(g) Flash point:	Not applicable ;
(h) Evaporation rate:	; computational method, based on component data ; No data
(i) Flammability (solid, gas):	12 (German VCI Guideline)
(l) Vapour density:	No data
(m) Relative density(kg/l):	1,92 ISO 2811
(n) Solubility(ies):	Miscible
(o) Partition coefficient: n-octanol/water:	; computational method, based on component data
(p) Auto-ignition temperature:	; computational method, based on component data ; No data

(q) Decomposition temperature:	No data
(r) Viscosity:	23°C 9000 - 12000 mPas
Kinematic viscosity:	> 21 mm ² /s, 40 °C
(s) Explosive properties:	Not established
(t) Oxidising properties:	No data
9.2. Other information	
Solids content: (calculated, %)	82-84
Organic solvents (wght. %)	0.00
Water content: (calculated, %)	12.53

10. Stability and reactivity

10.1. Reactivity

Reactivity:	Stable - when used in accordance with the instructions.
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10.2. Chemical stability

Stability:	The product is stable under conditions in accordance with the instructions and proper storage.
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10.3. Possibility of hazardous reactions

Hazardous conditions:	No data available
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10.4. Conditions to avoid

Unwanted conditions:	No data available
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10.5. Incompatible materials

Incompatibility:	The product is non-reactive and compatible with majority of substances, except with extreme oxidants. Keep the product in the original packaging. Do not mix with other products.
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10.6. Hazardous decomposition products

	No data available
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11. Toxicological information

11.1. Information on toxicological effects

(a) acute toxicity:

ORAL	None data known.
DERMAL	None data known.
INHALATIONAL	None data known.
Special precautionary measures:	Product does not contain components classified as acute toxic.

Data on components:

Chemical Name	LC50 inhalation	Oral LD50	Dermal LD50
isoprotruron	LC50-4 hours Rat > 2 mg/l	OLD50 Rat 1826 mg/kg	D LD50 Rat > 2000 mg/kg

(b) skin corrosion/irritation:

Skin:	None data known.
Special precautionary measures:	Product does not contain components classified as corrosive/irritant to skin.

(c) serious eye damage/irritation:

Eyes:	None data known.
Special precautionary measures:	Product does not contain components classified as causing eye damage.

(d) respiratory or skin sensitisation:

Skin:	None data known.
Special precautionary measures:	Product does not contain components classified as causing skin sensitivity.

(e) germ cell mutagenicity:

Exposure to product:	None data known.
Special precautionary measures:	Product does not contain components classified as mutagenic.

(f) carcinogenicity:

Exposure to product:	Product contains components which are suspected to cause cancer, but below the threshold to classify the product itself.
Special precautionary measures:	Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. IF exposed or concerned: Get medical advice/attention.

(g) reproductive toxicity:

Exposure to product:	None data known.
Special precautionary measures:	Product does not contain components classified as being reprotoxic.

(h) STOT-single exposure:

Special precautionary measures:	Product does not contain components classified as causing harmful effect to organs on single exposure.
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(i) STOT-repeated exposure:

Special precautionary measures:	Product does not contain components classified as causing harmful effect to organs on repeated or prolonged exposure.
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(j) aspiration hazard:

INHALATIONAL	None data known.
Special precautionary measures:	Product does not contain any components known to have aspiration hazards.

12. Ecological information

12.1. Toxicity

Ecotoxicity - Data on components:	Product (based on the data component) is not classified as dangerous for the environment.
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12.2. Persistence and degradability

Biodegradation	No data available
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12.3. Bioaccumulative potential

Bioconcentration:	No data available
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12.4. Mobility in soil

Mobility	No data
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12.5. Results of PBT and vPvB assessment

PBT and vPvB:	No data available
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12.6. Other adverse effects

Ecotoxicity - Data on components:	None data known.
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13. Disposal considerations

13.1. Waste treatment methods

Product:	The product leftovers , waste and useless packaging should be handled in accordance with the Regulations on processing of special waste (dir. 75/442/EEC, dir. 94/3/EC). Waste classification number: 08 01 19
Packaging:	Nonmetallic packaging disposed at special deposits (dir. 94/62/EC, dir. 1999/177/EC).

14. Transport information

Transport information	Transport by road/by railway - ADR/RID, transport by sea IMDG, transport by air IATA: According to the regulations the product IS NOT CLASSIFIED AS DANGEROUS.
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14.1. UN number	-	-	-
14.2. UN proper shipping name	-	-	-
14.3. Transport hazard class(es)	-	-	-
14.4. Packing group	-	-	-

14.5. Environmental hazards	-		-
14.6. Special precautions for user	-		
14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	-		

15. Regulatory information

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

This Safety Data Sheet has been prepared in accordance with a comprehensive chemicals legislation - REACH Regulation on chemicals and the Regulation for classification, labeling and packaging (CLP/GHS).

The product is under the scope of Directive (EU 2004/42), "DECO VOC". Under the terms of directive, the product is classified into: A.a - Interior matt walls and ceilings (Gloss < 25@60°), water-borne coatings (WB) 30 g/l

15.2. Chemical safety assessment

Has not been conducted.

16. Other information

The importance of H phrases from Chapter 3:

H410 - Very toxic to aquatic life with long lasting effects.

H351 - Suspected of causing cancer.

Changes from previous revisions:	Changes to the sheet were made in section: 2., 3., 8., 9., 11., 12., 14., 15., 16.
Literature / Data Sources:	Supplier's / manufacturer's safety data, references to toxicological databases.

The information in this Safety Data Sheet refer only to the mentioned product in the form as delivered and it is not necessary valid when this material is used in the combination with other materials or in the processes, which are not foreseen in the instructions for use. This information is correct to the supplier's best of knowledge and reliable at the time of the publication of this Safety data sheet. It is the user's responsibility to ascertain the suitability of the product for a specific use.

The data in this Safety data sheet do not prove the quality of the product, they are only the instructions for the safe use of the product with the user.

In case of non-compliance with the measures or incorrect use of the product , stated in the Safety data sheet we do not accept any responsibility for the consequences.