



SAFETY DATA SHEET STONEFLEX

According to Regulation (EC) No 1907/2006, Annex II, as amended.

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name STONEFLEX

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

Identified uses Sealant.

Uses advised against No specific uses advised against are identified.

1.3. Details of the supplier of the safety data sheet

Supplier Bijlard International
Platinastraat 141
2718 SR Zoetermeer
The Netherlands
+31 79 343 7538
info@bijlard.com

1.4. Emergency telephone number

Emergency telephone +31 (0) 79-3437538

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (EC 1272/2008)

Physical hazards Not Classified

Health hazards Not Classified

Environmental hazards Not Classified

2.2. Label elements

Hazard statements EUH208 Contains bis(1,2,2,6,6-pentamethyl-4-piperidyl)sebacate. May produce an allergic reaction.
EUH210 Safety data sheet available on request.

2.3. Other hazards

This product does not contain any substances classified as PBT or vPvB.

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SECTION 3: Composition/information on ingredients

3.1. Substances

Content

3.2. Mixtures

Composition comments Composition is based upon modified silyl polymer (MSP)

SECTION 4: First aid measures

4.1. Description of first aid measures

General information Consult a physician for specific advice.

Inhalation Move affected person to fresh air at once.

Ingestion Never give anything by mouth to an unconscious person. Do not induce vomiting. Rinse mouth thoroughly with water. Give plenty of water to drink. Get medical attention if any discomfort continues.

Skin contact Remove affected person from source of contamination. Remove contaminated clothing. Wash skin thoroughly with soap and water.

Eye contact Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

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

General information Get medical attention promptly if symptoms occur after washing.

Inhalation Vapours may irritate throat/respiratory system.

Ingestion May cause discomfort if swallowed.

Skin contact Prolonged skin contact may cause redness and irritation.

Eye contact Prolonged contact may cause redness and/or tearing.

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

Notes for the doctor No specific recommendations. If in doubt, get medical attention promptly.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media Use fire-extinguishing media suitable for the surrounding fire. Water. Carbon dioxide (CO₂). Alcohol-resistant foam.

Unsuitable extinguishing media Do not use water jet as an extinguisher, as this will spread the fire.

5.2. Special hazards arising from the substance or mixture

Specific hazards Does not decompose when used and stored as recommended. No unusual fire or explosion hazards noted.

Hazardous combustion products Oxides of carbon. Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.

5.3. Advice for firefighters

Protective actions during firefighting Move containers from fire area if it can be done without risk. Containers close to fire should be removed or cooled with water.

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Special protective equipment for firefighters Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions Follow precautions for safe handling described in this safety data sheet. For personal protection, see Section 8.

For non-emergency personnel When selecting the escape route, take into account the direction of the vapor movement.

6.2. Environmental precautions

Environmental precautions Do not discharge into drains or watercourses or onto the ground. Contain spillage with sand, earth or other suitable non-combustible material.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up Stop leak if possible without risk. Absorb in vermiculite, dry sand or earth and place into containers. Avoid the spillage or runoff entering drains, sewers or watercourses. Ensure suitable respiratory protection is worn during removal of spillages in confined areas.

6.4. Reference to other sections

Reference to other sections Wear protective clothing as described in Section 8 of this safety data sheet. For waste disposal, see section 13. Collect and dispose of spillage as indicated in Section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions Avoid spilling. Avoid contact with skin and eyes. Eye wash facilities and emergency shower must be available when handling this product. If ventilation is inadequate, suitable respiratory protection must be worn.

Advice on general occupational hygiene Eye wash facilities and emergency shower must be available when handling this product. Wash promptly with soap and water if skin becomes contaminated.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions Store in tightly-closed, original container in a dry, cool and well-ventilated place. Keep only in the original container.

Storage class Recommended storage temperature 5-30 Celsius

7.3. Specific end use(s)

Specific end use(s) The identified uses for this product are detailed in Section 1.2. Store in tightly-closed, original container.

Usage description Spilled substance increases risk of slipping.

SECTION 8: Exposure controls/Personal protection

8.1. Control parameters

Ingredient comments WEL = Workplace Exposure Limits

8.2. Exposure controls

Protective equipment



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Appropriate engineering controls	Provide adequate general and local exhaust ventilation. Observe any occupational exposure limits for the product or ingredients.
Eye/face protection	Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. The following protection should be worn: Chemical splash goggles or face shield.
Hand protection	Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible.
Other skin and body protection	Provide eyewash station and safety shower. Wear appropriate clothing to prevent any possibility of skin contact. Wear apron or protective clothing in case of contact.
Hygiene measures	Provide eyewash station. Do not smoke in work area. Wash at the end of each work shift and before eating, smoking and using the toilet. Wash promptly if skin becomes contaminated. Promptly remove any clothing that becomes contaminated. When using do not eat, drink or smoke.
Respiratory protection	If ventilation is inadequate, suitable respiratory protection must be worn. Respiratory protection complying with an approved standard should be worn if a risk assessment indicates inhalation of contaminants is possible. Respirator selection must be based on exposure levels, the hazards of the product and the safe working limits of the selected respirator.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance	Paste.
Colour	Black. White. Grey. Brown.
Odour	Characteristic.
Odour threshold	Not relevant. Not relevant.
pH	Not relevant.
Melting point	Not determined.
Initial boiling point and range	°C @
Flash point	Not relevant.
Evaporation factor	Not determined.
Upper/lower flammability or explosive limits	Not relevant. : : Not relevant.
Vapour pressure	Not determined.
Vapour density	Not determined.
Relative density	1750 kg/m ³
Bulk density	1750 kg/m ³
Solubility(ies)	Slightly miscible
Partition coefficient	Not relevant.
Auto-ignition temperature	Not relevant.
Decomposition Temperature	Not determined.
Viscosity	>15000 mPa s @ °C
Explosive properties	No information available.

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Density

Relative vapour density

Water solubility

Viscosity, dynamic

9.2. Other information

Other information Not relevant.

Solvent content:

Solids content:

Water:

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity There are no known reactivity hazards associated with this product.

10.2. Chemical stability

Stability Stable at normal ambient temperatures.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions No potentially hazardous reactions known. Avoid heat.

10.4. Conditions to avoid

Conditions to avoid Avoid freezing. Avoid excessive heat for prolonged periods of time. Do not use in confined spaces without adequate ventilation and/or respirator.

10.5. Incompatible materials

Materials to avoid None known.

10.6. Hazardous decomposition products

Hazardous decomposition products Does not decompose when used and stored as recommended. Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours. Oxides of carbon.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Toxicological effects The mixture is classified on the available hazard information for the ingredients as defined in the classification criteria for mixtures for each hazard class or differentiation in Annex 1 to regulation 1272/2008/EC.

Other health effects None known

Acute toxicity - oral

Notes (oral LD₅₀) Not determined. Data lacking.

Acute toxicity - dermal

Notes (dermal LD₅₀) Not determined. Data lacking.

Acute toxicity - inhalation

Notes (inhalation LC₅₀) Not determined. Data lacking.

Skin corrosion/irritation

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Animal data	Based on available data the classification criteria are not met.
Extreme pH	Not determined.
<u>Serious eye damage/irritation</u>	
Serious eye damage/irritation	Not determined. Based on available data the classification criteria are not met.
<u>Respiratory sensitisation</u>	
Respiratory sensitisation	Based on available data the classification criteria are not met.
<u>Skin sensitisation</u>	
Skin sensitisation	Based on available data the classification criteria are not met.
<u>Germ cell mutagenicity</u>	
Genotoxicity - in vitro	Not determined. Based on available data the classification criteria are not met.
<u>Carcinogenicity</u>	
Carcinogenicity	Not determined. Does not contain any substances known to be carcinogenic.
<u>Reproductive toxicity</u>	
Reproductive toxicity - fertility	Not determined. Based on available data the classification criteria are not met.
<u>Specific target organ toxicity - single exposure</u>	
STOT - single exposure	Based on available data the classification criteria are not met.
<u>Specific target organ toxicity - repeated exposure</u>	
STOT - repeated exposure	Based on available data the classification criteria are not met.
<u>Aspiration hazard</u>	
Aspiration hazard	Based on available data the classification criteria are not met.
General information	Prolonged or repeated contact with skin may cause irritation, redness and dermatitis.
Inhalation	Vapours may cause headache, fatigue, dizziness and nausea.
Ingestion	May cause discomfort if swallowed.
Skin contact	Prolonged and frequent contact may cause redness and irritation.
Eye contact	May cause temporary eye irritation. Prolonged contact may cause redness and/or tearing.
Acute and chronic health hazards	Prolonged contact may cause redness, irritation and dry skin.
Route of exposure	Skin and/or eye contact Ingestion.
Target organs	Eyes Skin
Medical symptoms	Irritation of eyes and mucous membranes. Skin irritation. Liquid irritates mucous membranes and may cause abdominal pain if swallowed.

SECTION 12: Ecological information

Ecotoxicity Not regarded as dangerous for the environment.

Acute aquatic toxicity

Chronic aquatic toxicity

12.1. Toxicity

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Toxicity Information given for the mixture in sect 3 is based upon the results of the calculation method. Some of the information given is also taken from data given for the individual ingredients of the mixture. Not considered toxic to fish.

Acute aquatic toxicity

Acute toxicity - fish Not determined.

Acute toxicity - aquatic invertebrates Not determined.

Acute toxicity - aquatic plants Not determined.

Acute toxicity - microorganisms Not determined.

Chronic aquatic toxicity

Chronic toxicity - fish early life stage Not determined.

Short term toxicity - embryo and sac fry stages Not determined.

Chronic toxicity - aquatic invertebrates Not determined.

Chronic toxicity in fish

12.2. Persistence and degradability

Persistence and degradability There are no data on the degradability of this product.

12.3. Bioaccumulative potential

Bioaccumulative potential No data available on bioaccumulation.

Partition coefficient Not relevant.

12.4. Mobility in soil

Mobility The product contains substances which are water-soluble and may spread in water systems.

Environmental distribution

12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment This product does not contain any substances classified as PBT or vPvB.

12.6. Other adverse effects

Other adverse effects Not known.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

General information Waste, residues, empty containers, discarded work clothes and contaminated cleaning materials should be collected in designated containers, labelled with their contents. When handling waste, the safety precautions applying to handling of the product should be considered.

Disposal methods Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority. Ensure suitable respiratory protection is worn during removal of spillages in confined areas.

Product

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Contaminated packaging

SECTION 14: Transport information

General The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID). Wear protective clothing as described in Section 8 of this safety data sheet.

14.1. UN number

Not applicable.

14.2. UN proper shipping name

Not applicable.

14.3. Transport hazard class(es)

No transport warning sign required.

14.4. Packing group

Not applicable.

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant

No.

14.6. Special precautions for user

Not applicable.

Segregation Code

14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

Transport in bulk according to Not applicable.

Annex II of MARPOL 73/78

and the IBC Code

SECTION 15: Regulatory information

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

National regulations

Health and Safety at Work etc. Act 1974 (as amended).
Control of Substances Hazardous to Health Regulations 2002 (as amended).
The Carriage of Dangerous Goods and Use of Transportable Pressure Equipment Regulations 2009 (SI 2009 No. 1348) (as amended) ["CDG 2009"].

EU legislation

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 (as amended).
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).
Commission Regulation (EU) No 2015/830 of 28 May 2015.

Guidance

L131 Approved Classification and Labelling Guide (Sixth Edition)
EH40/2005 Workplace exposure limits

Health and environmental listings

This product does not contain any of the chemicals listed on the candidate list of Substances of Very High Concern

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Authorisations (Annex XIV Regulation 1907/2006) No specific authorisations are known for this product.

Restrictions (Annex XVII Regulation 1907/2006) No specific restrictions on use are known for this product.

15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

SECTION 16: Other information

General information	Only trained personnel should use this material.
Revision comments	NOTE: Lines within the margin indicate significant changes from the previous revision.
Revision date	14/12/2021
Revision	2
Supersedes date	26/11/2023
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