

Safety Data Sheet

Bostik Flex' N' Paint

Issued: 22/12/2017

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

1.1. Product identifier

Trade name: Bostik Flex' N' Paint

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

Recommended uses: Moisture curing sealant based on silane modified polymer. (SMP)

1.3. Details of the supplier of the safety data sheet

Supplier

Company: Bostik AB
Address: Strandbadsvägen 22
Zip code: 251 09
City: Helsingborg
Country: SWEDEN
E-mail: info.se@bostik.com
Phone: +46 42 19 50 00
Homepage: www.bostik.com
Contact person: Name: - Environment dep., Phone: +46 42 19 50 00

1.4. Emergency Telephone Number

+46 8 331231 (Swedish Poisons Informations Centre)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

CLP-classification: The product shall not be classified as hazardous according to the classification and labeling rules for substance and mixtures.

CLP Classification - other information: Classification according to Regulation (EC) No 1272/2008 CLP / GHS: not classified.

Most serious harmful effects: Further information on potential health effects and symptoms of Section 11.

2.2. Label elements

P-phrases

P102 Keep out of reach of children.

Supplemental information

EUH208 Contains Reaction mass of Bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate and Methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate [EC no.915-687-0], N-(3-(trimethoxysilyl)propyl)ethylenediamine [EC no.217-164-6]. May produce an allergic reaction. EUH210 Safety data sheet available on request.

2.3. Other hazards

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Small amounts of methanol (CAS 67-56-1) are formed by hydrolysis and released upon curing.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Substance	CAS number	EC No	REACH Reg. No.	Concentration	Notes	CLP-classification
trimethoxivinyilsilane	2768-02-7	220-449-8	01-2119513215-52	1 -< 5%		Flam. Liq. 3;H226 Acute Tox. 4;H332 STOT RE 2;H373

Please see section 16 for the full text of H-phrases.

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation:	Provide fresh air, warmth and rest, preferably in comfortable upright sitting position. Contact physician if irritation persists.
Ingestion:	Immediately consult a doctor. If swallowed, rinse mouth with water (only if the person is conscious).
Skin contact:	Wash skin thoroughly with soap and water.
Eye contact:	Flush immediately with water (preferably using eye wash equipment) for at least 15 minutes. Open eye wide. Remove any contact lenses. Seek medical advice.
Burns:	Not applicable.
General:	If medical advice is needed, have product container or label at hand.

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

None known

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

Show this Material Safety Datasheet to the doctor. During hardening, small amounts of methanol are formed.

SECTION 5: Fire-fighting measures

5.1. Extinguishing media

Suitable extinguishing media:	Extinguish with powder, carbon dioxide, foam or fine water mist.
Unsuitable extinguishing media:	Do not use a direct water jet that could spread the fire.

5.2. Special hazards arising from the substance or mixture

Carbon dioxide is formed when heated or in a fire.

5.3. Advice for fire-fighters

Wear a self contained breathing apparatus. Prevent discharges into the sewage system, watercourses or ground.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

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For non-emergency personnel: Wear necessary protective equipment. NB! Risk of slipping due to spillage. Avoid direct contact.

For emergency responders: Keep unnecessary people away, isolate hazard area and deny entry. No action shall be taken that involves personal risk or without appropriate training. The surrounding area must be removed. Keep unnecessary and undeclared workers away. Do not touch or walk through chemicals. Use suitable protective equipment. Show this safety data sheet if possible.

6.2. Environmental precautions

Prevent discharges into the sewage system, watercourses or ground.

6.3. Methods and material for containment and cleaning up

Soak up with sawdust, sand or other inert absorption material and collect for incineration.

6.4. Reference to other sections

See Section 8 for personal protective equipment and section 13 for waste disposal.

Other Information: In the event of major emissions, contact the relevant authorities.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Avoid contact with skin, eyes or clothing. Use personal protective equipment. Good working hygiene must always be observed when handling product. Do not eat, drink or smoke during work. Wash hands before breaks, before using restroom facilities, and at the end of work. Take off contaminated clothing and wash before reuse.

7.2. Conditions for safe storage, including any incompatibilities

Keep out of the reach of children. Keep in a dry, cool and well-ventilated place. Protect against moisture.

7.3. Specific end use(s)

See Technical Data Sheet.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Occupational exposure limit

Substance name	Time period	ppm	mg/m ³	Comments	Remarks
Methanol (CAS 67-56-1)	15m	250	333		Sk
Methanol (CAS 67-56-1)	8h	200	260		Sk

Sk = Can be absorbed through skin

8.2. Exposure controls

Exposure controls: Use the product under well-ventilated conditions.

Appropriate engineering controls: The work place and work methods shall be organized in such a way that direct contact with the product is prevented.

Personal protective equipment, eye/face protection: Eye protection is recommended when there is a risk of direct contact or splashes Eye protection must conform to EN 166.

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Personal protective equipment, skin protection: Wear appropriate clothing to prevent any possibility of skin contact.

Personal protective equipment, hand protection: Protective gloves (butyl rubber, nitrile rubber, polyethylene). Gloves must conform to EN 374. Breakthrough time:> 480 min

Personal protective equipment, respiratory protection: If ventilation is insufficient, use a breathing mask with filter for organic vapours (type A).

Environmental exposure controls: Prevent discharge into the sewage system or the immediate environment.

Other Information: Wash your hands thoroughly after handling and before eating or smoking. When using do not eat, drink or smoke.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Parameter	Value/unit
State	Paste
Colour	White
Odour	Characteristic
Solubility	No data
Explosive properties	No data
Oxidising properties	No data

Parameter	Value/unit	Remarks
pH (solution for use)	No data	
pH (concentrate)	No data	
Melting point	No data	
Freezing point	No data	
Initial boiling point and boiling range	394 °C	
Flash Point	> 100 °C	
Evaporation rate	No data	
Flammability (solid, gas)	No data	
Flammability limits	No data	
Explosion limits	No data	
Vapour pressure	No data	
Vapour density	No data	
Relative density	No data	
Partition coefficient n-octanol/water	No data	
Auto-ignition temperature	No data	
Decomposition temperature	No data	
Viscosity	No data	
Odour threshold	No data	

9.2 Other information

Parameter	Value/unit	Remarks
Density	1.45 g/cm ³	

SECTION 10: Stability and reactivity

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10.1. Reactivity

Cures under the influence of air humidity.

10.2. Chemical stability

Stable under recommended storage and handling conditions.

10.3. Possibility of hazardous reactions

None known.

10.4. Conditions to avoid

Avoid contact with moisture and water.

10.5. Incompatible materials

None known.

10.6. Hazardous decomposition products

None, if stored at the recommended storage conditions.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity - oral

trimethoxivinylsilane

Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source
Rat	LD50		7120 - 7236mg/kg		OECD 401	

Acute toxicity - dermal

trimethoxivinylsilane

Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source
Rabbit	LD50		0.336 ml/kg			

Acute toxicity - inhalation: No information available

Skin corrosion/irritation: Based on existing data, the classification criteria are deemed not to have been met.

Serious eye damage/eye irritation: Based on existing data, the classification criteria are deemed not to have been met.

Respiratory sensitisation or skin sensitisation: Based on existing data, the classification criteria are deemed not to have been met.

Germ cell mutagenicity: Based on existing data, the classification criteria are deemed not to have been met.

Carcinogenic properties: Based on existing data, the classification criteria are deemed not to have been met.

Reproductive toxicity: Based on existing data, the classification criteria are deemed not to have been met.

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Single STOT exposure: Based on existing data, the classification criteria are deemed not to have been met.

Repeated STOT exposure: Based on existing data, the classification criteria are deemed not to have been met.

Aspiration hazard: Based on existing data, the classification criteria are deemed not to have been met.

Other toxicological effects: Can be irritating after prolonged skin contact.

SECTION 12: Ecological information

12.1. Toxicity

trimethoxivinylsilane

Organism	Species	Exposure time	Test Type	Value	Conclusion	Test method	Source
Crustacea	Daphnia magna	48h	48hEC50	168.7mg/l			
Algae	Desmodesmus subspicatus	72h	72hEC50	> 957mg/l		EU Method C.3	
Fish	Oncorhynchus mykiss	96h	96hLC50	191 mg/l			

Component Information

12.2. Persistence and degradability

No information available

12.3. Bioaccumulative potential

No information available

12.4. Mobility in soil

No information available

12.5. Results of PBT and vPvB assessment

The components in this product do not meet the criteria for classification as PBT or vPvB.

12.6. Other adverse effects

No information available.

Other Information

Prevent discharges into the sewage system, watercourses or ground.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Dried product in limited volumes may be treated as normal industrial waste.

The generation of waste should be avoided or minimized wherever possible. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe way. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

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Category of waste: 08 04 10 waste adhesives and sealants other than those mentioned in 08 04 09

SECTION 14: Transport information

14.1. UN-No.:	Not applicable.	14.4. Packing group:	Not applicable.
14.2. UN proper shipping name:	Not applicable.	14.5. Environmental hazards:	Not applicable.
14.3. Transport hazard class(es):	Not applicable.		

14.6. Special precautions for user

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC code

No known information.

SECTION 15: Regulatory information

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

Special Provisions: EH40/2005 Workplace exposure limits incl. supplement from October 2007.

Safety, health and environmental regulations / legislation specific for the substance or mixture. EU Regulation (EC) No 1907/2006 (REACH).

Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work.

Take note of Directive 92/85/EEC on the protection of pregnant and breastfeeding women at work.

EU-REACH (1907/2006) - Candidate List of Substances of Very High Concern (SVHC) for Authorization in accordance with Article 59.
The product does not contain SVHC substances.

EU-REACH (1907/2006) - Annex XVII - Substances subject to Restriction: None of the components are listed.

EU-REACH (1907/2006) - Annex XIV - List of substances subject to authorisation: None of the components are listed.

15.2. Chemical Safety Assessment

Other Information: For this product, no Chemical Safety Assessment in accordance with Directive (EC) 1907/2006 (REACH) has been carried out.

SECTION 16: Other information

Vendor notes: Version 1.
The information in this SDS is based on our current knowledge and on current EU and national laws. The product should not be used for other purposes than those specified under section 1 without first obtaining written handling instruction. It is always the user who has full responsibility to comply with the requirements of current legislation. The information in this SDS is meant as a description of safety requirements for the product and not a guarantee of product properties.

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List of relevant H-statements

H226	Flammable liquid and vapour.
H332	Harmful if inhaled.
H373	May cause damage to organs through prolonged or repeated exposure.

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