

# Safety Data Sheet

## Bostik Maxi Bond Xtrem

Replaces date: 20/05/2015

Revision date: 28/09/2017

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

#### 1.1. Product identifier

**Trade name:** Bostik Maxi Bond Xtrem

#### 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

##### Supplemental information

EUH210 - Safety data sheet available on request.

#### 2.3. Other hazards

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

This mixture contains no components considered to be persistent, bioaccumulative and toxic (PBT) or very persistent and very bioaccumulative / vPvB) at levels of 0.1% or higher.

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### SECTION 3: Composition/information on ingredients

#### 3.2. Mixtures

Substance	CAS number	EC No	REACH Reg. No.	Concentration	Notes	CLP-classification
3-Aminopropyl) trimethoxysilane	13822-56-5	237-511-5	01-2119510159-45	1 < 3%		Skin Irrit. 2;H315 Eye Dam. 1;H318
trimethoxivinylsilane	2768-02-7	220-449-8	01-2119513215-52	1 < 3%		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

<b>Inhalation:</b>	Move the exposed person to fresh air at once. Keep victim under observation. Get medical attention if any discomfort continues.
<b>Ingestion:</b>	If swallowed, do not induce vomiting, seek medical advice immediately and show this container or label. If swallowed, rinse mouth with water (only if the person is conscious).
<b>Skin contact:</b>	Wash skin thoroughly with soap and water.
<b>Eye contact:</b>	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
<b>Burns:</b>	Flush with water until pain ceases. Remove clothing that is not stuck to the skin - seek medical advice/transport to hospital. If possible, continue flushing until medical attention is obtained.
<b>General:</b>	Remove contaminated clothing.

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

No known significant effects or critical hazards.

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

Small amounts of methanol (CAS 67-56-1) are formed by hydrolysis and released upon curing. Show this Material Safety Datasheet to the doctor.

### SECTION 5: Fire-fighting measures

#### 5.1. Extinguishing media

<b>Suitable extinguishing media:</b>	Extinguish with powder, carbon dioxide, foam or fine water mist.  Large Fire:When a large quantity of this material is involved in a major fire, consider an initial
<b>Unsuitable extinguishing media:</b>	Do not use a direct water jet that could spread the fire.

#### 5.2. Special hazards arising from the substance or mixture

Formation of hazardous vapours may take place at decomposition temperatures. Carbon monoxide (CO) and carbon dioxide (CO<sub>2</sub>). Nitrogen oxides (NO<sub>x</sub>).

#### 5.3. Advice for fire-fighters

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Wear a self contained breathing apparatus.

### SECTION 6: Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

**For non-emergency personnel:** Wear necessary protective equipment. NB! Risk of slipping due to spillage. Avoid contact with skin, eyes or clothing.

**For emergency responders:** Use a respirator and other protective equipment.

#### 6.2. Environmental precautions

Prevent discharges into the sewage system, watercourses or ground.

#### 6.3. Methods and material for containment and cleaning up

Bank and absorb with inert material (e.g. sand) and treat in accordance with local regulations. Collect mechanically.

#### 6.4. Reference to other sections

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

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

Use personal protective equipment. See Section 8 for personal protective equipment. Good working hygiene must always be observed when handling product.

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

Store safely, out of reach of children and away from food, animal feeding stuffs, medicines, etc. Recommended storage temperature. 10°C-35°C Keep in tightly closed original packaging. Store in a dry area. 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 <sup>3</sup>	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

**Measuring methods:** Compliance with the stated exposure limits values must be checked regularly.

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**Other Information:** Observe local regulations, EH40/2005 Workplace exposure limits incl. supplement from October 2007.

### 8.2. Exposure controls

**Exposure controls:** Good general ventilation should be sufficient to control worker exposure to airborne.

**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

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

**Personal protective equipment, hand protection:** Wear appropriate clothing to prevent any possibility of skin contact. Protective gloves (polyethylene, PVC).

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

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Parameter	Value/unit
State	Paste
Colour	White
Odour	No data
Solubility	Uncured product in white spirit.
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	No data	
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	

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### 9.2 Other information

Parameter	Value/unit	Remarks
Density	1.5 g/cm <sup>3</sup>	

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No dangerous reactions known.

### 10.2. Chemical stability

Stable under recommended storage and handling conditions.

### 10.3. Possibility of hazardous reactions

No hazardous reactions with proper storage and handling.

### 10.4. Conditions to avoid

Avoid contact with moisture and water. Cures under the influence of air humidity. Protect from direct sunlight.

### 10.5. Incompatible materials

No information available

### 10.6. Hazardous decomposition products

None under normal use conditions.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

**Acute toxicity - oral:** Based on existing data, the classification criteria are deemed not to have been met.

**Acute toxicity - dermal:** Based on existing data, the classification criteria are deemed not to have been met.

**Acute toxicity - inhalation:** Based on existing data, the classification criteria are deemed not to have been met.

**Skin corrosion/irritation:** Test data are not available.

**Serious eye damage/eye irritation:** Product information  
In vitro Bovine Corneal Opacity and Permeability tests (BCOP test; OECD 437) have been carried out on this product.

Eye Contact: The test item induced a mean In-vitro irritancy score  $\leq 3$ , the test item was considered as a test chemical not requiring classification for eye irritation or serious eye damage (UN GHS No Category).

**Respiratory sensitisation or skin sensitisation:** Test data are not available.

**Germ cell mutagenicity:** Test data are not available.

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**Carcinogenic properties:** Test data are not available.

**Reproductive toxicity:** Test data are not available.

**Single STOT exposure:** Test data are not available.

**Repeated STOT exposure:** Test data are not available.

**Aspiration hazard:** Test data are not available.

### Other toxicological effects

#### trimethoxivinyilsilane

Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source
Rat	Oral LD50		7120 - 7236mg/kg		OECD 423	
Rabbit	Dermal LD50		3.36 mg/kg			

#### 3-Aminopropyl)trimethoxysilane

Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source
Rat	Oral LD50		> 2000mg/kg			
Rabbit	Dermal LD50		> 2000mg/kg			

## SECTION 12: Ecological information

### 12.1. Toxicity

#### trimethoxivinyilsilane

Organism	Species	Exposure time	Test Type	Value	Conclusion	Test method	Source
Algae	Desmodesmus subspicatus	72h	EC50	> 957mg/l		EU Method C.3 (Algal Inhibition test)	
Fish	Oncorhynchus mykiss	96h	LC50	191 mg/l			
Crustacea	Daphnia magna	48h	EC50	168.7 mg/l			

#### 3-Aminopropyl)trimethoxysilane

Organism	Species	Exposure time	Test Type	Value	Conclusion	Test method	Source
Algae	Desmodesmus subspicatus	72h	EC50	> 1000mg/l		EU Method C.3 (Algal Inhibition test)	
Fish	Danio rerio	96h	LC50	> 934mg/l		OECD 203	
Crustacea	Daphnia magna	48h	EC50	331 mg/l		OECD 202	

Component Information

### 12.2. Persistence and degradability

No information available

### 12.3. Bioaccumulative potential

No information available

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### 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

This product does not contain any known or suspected endocrine disruptors.

## 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.

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

## SECTION 14: Transport information

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

## 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.

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.

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

EU-REACH (1907/2006) - Candidate List of Substances of Very High Concern (SVHC) for Authorization in accordance with Article 59.

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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 4.  
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.

**Date:** 28/09/2017

#### List of relevant H-statements

H226	Flammable liquid and vapour.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H332	Harmful if inhaled.
H373	May cause damage to organs through prolonged or repeated exposure.

**Document language:** GB