

**BOSTIK HPA 180**  
Supersedes Date: 24-Jun-2019

Revision date 18-Sep-2019  
Revision Number 2

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

### 1.1. Product Identifier

**Product Name** BOSTIK HPA 180  
**Pure substance/mixture** Mixture

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

**Recommended use** Adhesives.  
**Uses advised against** None known.

### 1.3. Details of the supplier of the safety data sheet

#### **Company Name**

Bostik GmbH  
An der Bundesstrasse 16  
33829 Borgholzhausen, Germany  
Tel: +49 (0) 5425 / 801 0  
Fax: +49 (0) 5425 / 801 140

**E-mail address** SDS.box-EU@bostik.com

### 1.4. Emergency telephone number

**Emergency Telephone**

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

Regulation (EC) No 1272/2008

Not classified

### 2.2. Label Elements

Not classified

**Signal word**  
None

**Hazard statements**  
Not classified

**EU Specific Hazard Statements**  
EUH210 - Safety data sheet available on request

**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

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

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## PBT and vPvB assessment

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

## SECTION 3: Composition/information on ingredients

### 3.1 Substances

Not applicable

### 3.2 Mixtures

#### Full text of H- and EUH-phrases: see section 16

Note: ^ indicates not classified, however, the substance is listed in section 3 as it has an OEL

This product does not contain candidate substances of very high concern at a concentration  $\geq 0.1\%$  (Regulation (EC) No. 1907/2006 (REACH), Article 59)

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

<b>General advice</b>	If medical advice is needed, have product container or label at hand.
<b>Inhalation</b>	Move victim to fresh air. If symptoms persist, call a doctor.
<b>Eye contact</b>	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Consult an ophthalmologist.
<b>Skin contact</b>	Wash off immediately with soap and plenty of water. In the case of skin irritation or allergic reactions see a doctor.
<b>Ingestion</b>	Call a doctor immediately. Rinse mouth thoroughly with water. Small amounts of toxic methanol are released by hydrolysis.

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

**Symptoms** None known.

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

**Note to doctors** Small amounts of methanol (CAS 67-56-1) are formed by hydrolysis and released upon curing. Treat symptomatically.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

**Suitable extinguishing media** Water spray, carbon dioxide (CO<sub>2</sub>), dry chemical, alcohol-resistant foam.

**Unsuitable extinguishing media** Full water jet.

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

**Specific hazards arising from the chemical** Thermal decomposition can lead to release of irritating gases and vapours.

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**Hazardous combustion products** Carbon monoxide. Carbon dioxide (CO<sub>2</sub>).

## 5.3. Advice for firefighters

**Special protective equipment for fire-fighters** Wear self contained breathing apparatus for fire fighting if necessary.

## **SECTION 6: Accidental release measures**

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

**Personal precautions** Ensure adequate ventilation. Use personal protective equipment as required. Do not get in eyes, on skin, or on clothing.

**Other information** Ventilate the area. Prevent further leakage or spillage if safe to do so.

**For emergency responders** Use personal protection recommended in Section 8.

### 6.2. Environmental precautions

**Environmental precautions** Prevent product from entering drains. Do not allow to enter into soil/subsoil.

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

**Methods for containment** Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal.

**Methods for cleaning up** Take up mechanically, placing in appropriate containers for disposal.

### 6.4. Reference to other sections

**Reference to other sections** See section 8 for more information. See section 13 for more information.

## **SECTION 7: Handling and storage**

### 7.1. Precautions for safe handling

**Advice on safe handling** Use personal protection equipment. Avoid contact with skin, eyes or clothing. Ensure adequate ventilation.

**General hygiene considerations** Avoid contact with skin, eyes or clothing. When using do not eat, drink or smoke. Wash hands before breaks and after work.

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

**Storage Conditions** Keep away from food, drink and animal feedingstuffs. Protect from moisture. Keep/store only in original container. Keep at temperatures between 5 and 35 °C.

### 7.3. Specific end use(s)

**Specific Use(s)**  
Sealant.

**Risk Management Methods (RMM)** The information required is contained in this Safety Data Sheet.

**Other information** Observe technical data sheet.

## **SECTION 8: Exposure controls/Personal protection**

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## 8.1. Control parameters

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

**Only European Community Occupational Exposure Limits will be shown in this document. Please refer to regional SDS for further information.**

Chemical name	European Union
Methyl alcohol 67-56-1	TWA: 200 ppm TWA: 260 mg/m <sup>3</sup> *

**Derived No Effect Level (DNEL)** No information available

**Predicted No Effect Concentration (PNEC)** No information available.

## 8.2. Exposure controls

**Engineering controls** Ensure adequate ventilation, especially in confined areas.

### Personal Protective Equipment

**Eye/face protection** Wear safety glasses with side shields (or goggles). Eye protection must conform to standard EN 166

**Hand protection** Wear suitable gloves. Gloves must conform to standard EN 374. Recommended Use: Neoprene™. Nitrile rubber. Butyl rubber. Polyvinyl chloride (PVC). Glove thickness > 0.7mm. Ensure that the breakthrough time of the glove material is not exceeded. Refer to glove supplier for information on breakthrough time for specific gloves. The breakthrough time for the mentioned glove material is in general greater than 480 min.

**Skin and body protection** Wear suitable protective clothing.

**Respiratory protection** Ensure adequate ventilation, especially in confined areas. In case of inadequate ventilation wear respiratory protection. Wear a respirator conforming to EN 140 with Type A/P2 filter or better.

**Recommended filter type:** Brown. White.

**Environmental exposure controls** Do not allow uncontrolled discharge of product into the environment.

## SECTION 9: Physical and chemical properties

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

**Physical state** Liquid  
**Appearance** Paste  
**Colour** Grey  
**Odour** Slight Characteristic  
**Odour threshold** No information available

Property	Values	Remarks • Method
pH	No data available	Not applicable
Melting point / freezing point	No data available	Not applicable
Boiling point / boiling range	No data available	Not applicable
Flash point	No data available	Not applicable
Evaporation rate	No data available	
Flammability (solid, gas)	No data available	
Flammability Limit in Air		
Upper flammability or explosive limits	No data available	
Lower flammability or explosive limits	No data available	
Vapour pressure	< 1100	hPa @ 50 °C

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Vapour density	No data available	
Relative density	1.4 - 1.6	None known
Water solubility	Slightly soluble	
Solubility(ies)	No data available	
Partition coefficient	No data available	
Autoignition temperature	No data available	
Decomposition temperature	No data available	
Kinematic viscosity	No data available	
Dynamic viscosity	7000 - 13000 Pa.s	Spindle 4 @ 1 rpm @ 23 °C
Explosive properties	No data available	
Oxidising properties	No data available	

## 9.2. Other information

Solid content (%)	No information available
Softening Point	No information available
Molecular weight	No information available
VOC Content (%)	No information available
Density	ca. 1.5 g/cm <sup>3</sup>
Bulk density	No information available

## **SECTION 10: Stability and reactivity**

### 10.1. Reactivity

Reactivity Product cures with moisture.

### 10.2. Chemical stability

Stability Stable under normal conditions.

#### Explosion Data

Sensitivity to mechanical impact None.

Sensitivity to static discharge None.

### 10.3. Possibility of hazardous reactions

Possibility of hazardous reactions None under normal processing.

### 10.4. Conditions to avoid

Conditions to avoid Protect from moisture.

### 10.5. Incompatible materials

Incompatible materials None known based on information supplied.

### 10.6. Hazardous decomposition products

Hazardous decomposition products None under normal use conditions. Stable under recommended storage conditions.

## **SECTION 11: Toxicological information**

### 11.1. Information on toxicological effects

#### Information on likely routes of exposure

##### Product Information

Inhalation Based on available data, the classification criteria are not met.

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<b>Eye contact</b>	Based on available data, the classification criteria are not met.
<b>Skin contact</b>	Based on available data, the classification criteria are not met.
<b>Ingestion</b>	Based on available data, the classification criteria are not met.

## Symptoms related to the physical, chemical and toxicological characteristics

**Symptoms** No information available.

## Numerical measures of toxicity

### Acute Toxicity

The following values are calculated based on chapter 3.1 of the GHS document

<b>ATEmix (dermal)</b>	4,305.00 mg/kg
<b>ATEmix (inhalation-dust/mist)</b>	278.92 mg/l

### Component Information

## Delayed and immediate effects as well as chronic effects from short and long-term exposure

**Skin corrosion/irritation** Based on available data, the classification criteria are not met.

**Serious eye damage/eye irritation** Based on available data, the classification criteria are not met.

**Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.

**Germ cell mutagenicity** Based on available data, the classification criteria are not met.

**Carcinogenicity** Based on available data, the classification criteria are not met.

**Reproductive toxicity** Based on available data, the classification criteria are not met.

**STOT - single exposure** Based on available data, the classification criteria are not met.

**STOT - repeated exposure** Based on available data, the classification criteria are not met.

**Aspiration hazard** Based on available data, the classification criteria are not met.

## **SECTION 12: Ecological information**

### 12.1. Toxicity

**Ecotoxicity** .

### 12.2. Persistence and degradability

**Persistence and degradability** No information available.

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## 12.3. Bioaccumulative potential

**Bioaccumulation** There is no data for this product.

## Component Information

## 12.4. Mobility in soil

**Mobility in soil** No information available.

## 12.5. Results of PBT and vPvB assessment

**PBT and vPvB assessment** No information available.

## 12.6. Other adverse effects

**Other adverse effects** No information available.

## **SECTION 13: Disposal considerations**

### 13.1. Waste treatment methods

**Waste from residues/unused products** Uncured product should be disposed of as hazardous waste. Dispose of contents/container in accordance with local, regional, national, and international regulations as applicable.

**Contaminated packaging** Handle contaminated packages in the same way as the product itself.

**European Waste Catalogue** 08 04 10 waste adhesives and sealants other than those mentioned in 08 04 09

**Other information** Waste codes should be assigned by the user based on the application for which the product was used.

## **SECTION 14: Transport information**

### Land transport (ADR/RID)

14.1 UN Number Not regulated  
14.2 Proper Shipping Name Not regulated  
14.3 Transport hazard class(es) Not regulated  
14.4 Packing Group Not regulated  
14.5 Environmental hazards Not applicable  
14.6 Special Provisions None

### IMDG

14.1 UN number Not regulated  
14.2 Proper Shipping Name Not regulated  
14.3 Transport hazard class(es) Not regulated  
14.4 Packing group Not regulated  
14.5 Marine Pollutant Np  
14.6 Special Provisions None  
14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code No information available

### Air transport (ICAO-TI / IATA-DGR)

14.1 UN number Not regulated  
14.2 Proper Shipping Name Not regulated  
14.3 Transport hazard class(es) Not regulated

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14.4 Packing group	Not regulated
14.5 Environmental hazards	Not applicable
14.6 Special Provisions	None

## Section 15: REGULATORY INFORMATION

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

#### European Union

Check whether measures in accordance with Directive 94/33/EC for the protection of young people at work must be taken.

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

#### Registration, Evaluation, Authorization, and Restriction of Chemicals (REACH) Regulation (EC 1907/2006)

##### **SVHC: Substances of Very High Concern for Authorisation:**

This product does not contain candidate substances of very high concern at a concentration  $\geq 0.1\%$  (Regulation (EC) No. 1907/2006 (REACH), Article 59)

##### **EU-REACH (1907/2006) - Annex XVII - Substances subject to Restriction**

This product does not contain substances subject to restriction (Regulation (EC) No. 1907/2006 (REACH), Annex XVII).

##### **Substance subject to authorisation per REACH Annex XIV**

This product does not contain substances subject to authorisation (Regulation (EC) No. 1907/2006 (REACH), Annex XIV)

##### **Ozone-depleting substances (ODS) regulation (EC) 1005/2009**

Not applicable

##### **Persistent Organic Pollutants**

Not applicable

#### National Regulations

##### France

##### Germany

##### **Ordinance on Industrial Safety and Health - Germany - BetrSichV**

No flammable liquids in accordance with BetrSichV

**Water hazard class (WGK)** WGK 1

**TRGS - 510 Storage Class** Storage Class 10 : Combustible liquids

##### Netherlands

##### **List of Carcinogenic, mutagenic and reproductive toxin substances in accordance with Inspectorate SZW (Netherlands)**



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## 15.2. Chemical safety assessment

Chemical Safety Assessments have been carried out by the Reach registrants for substances registered at >10 tpa. No Chemical Safety Assessment has been carried out for this mixture

## **SECTION 16: Other information**

### Key or legend to abbreviations and acronyms used in the safety data sheet

#### Full text of H-Statements referred to under section 3

H317 - May cause an allergic skin reaction  
H412 - Harmful to aquatic life with long lasting effects  
H318 - Causes serious eye damage  
H400 - Very toxic to aquatic life  
H411 - Toxic to aquatic life with long lasting effects  
H314 - Causes severe skin burns and eye damage  
H302 - Harmful if swallowed

#### **Legend**

SVHC: Substances of Very High Concern for Authorisation:

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

TWA	TWA (time-weighted average)	STEL	STEL (Short Term Exposure Limit)
Ceiling	Maximum limit value	*	Skin designation
PBT	Persistent, Bioaccumulative, and Toxic (PBT) Chemicals		
STOT RE	Specific target organ toxicity - Repeated exposure		
STOT SE	Specific target organ toxicity - Single exposure		
EWC:	European Waste Catalogue		

#### **Key literature references and sources for data**

No information available

**Prepared By** Product Safety & Regulatory Affairs

**Revision date** 18-Sep-2019

#### Indication of changes

**Revision note** SDS sections updated: 2.

**Training Advice** When working with hazardous materials, regular training of operators is required by law

**Further information** No information available

**This material safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006**

#### **Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

**End of Safety Data Sheet**