

**BOSTIK FIX A995 VLIES**  
Supersedes Date: 18-Sep-2019Revision date 18-Sep-2019  
Revision Number 1**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product Identifier****Product Name** BOSTIK FIX A995 VLIES  
**Pure substance/mixture** Mixture**1.2. Relevant identified uses of the substance or mixture and uses advised against****Recommended use** Adhesives. Dispersion.  
**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** No information available**SECTION 2: Hazards identification****2.1. Classification of the substance or mixture**

Regulation (EC) No 1272/2008

<b>Skin sensitisation</b>	Category 1 - (H317)
---------------------------	---------------------

**2.2. Label Elements**

Contains: 2-methyl-2H-isothiazol-3-one [MIT], 1,2-benzisothiazol-3(2H)-one [BIT], reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1) [C(M)IT/MIT]

**Signal word**  
WARNING**Hazard statements**  
H317 - May cause an allergic skin reaction**Precautionary statements**

Europe - BE

Page 1 / 11

# SAFETY DATA SHEET

**BOSTIK FIX A995 VLIES**  
**Supersedes Date:** 18-Sep-2019

**Revision date** 18-Sep-2019  
**Revision Number** 1

P102 - Keep out of reach of children  
P261 - Avoid breathing vapours/spray  
P280 - Wear protective gloves  
P302 + P352 - IF ON SKIN: Wash with plenty of water and soap  
P333 + P313 - If skin irritation or rash occurs: Get medical advice/attention  
P501 - Dispose of contents/ container to an approved waste disposal plant

## 2.3. Other Hazards

None known

## 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

Mixture

### Mixtures

Chemical name	EC No.	CAS No.	Weight-%	Classification according to Regulation (EC) No. 1272/2008 [CLP]	Specific concentration limit (SCL)	REACH Registration Number
1,2-benzisothiazol-3(2H)-one [BIT]	220-120-9	2634-33-5	0.0015 - <0.01	Acute Tox. 4 (H302) Skin Irrit. 2 (H315) Eye Dam. 1 (H318) Skin Sens. 1 (H317) Aquatic Acute 1 (H400) Acute Tox. 2 (H330) Aquatic Chronic 2 (H411) (M Factor Acute =1)	Skin Sens. 1 :: C>=0.05%	No data available
2-methyl-2H-isothiazol-3-one [MIT]	220-239-6	2682-20-4	0.0015 - <0.01	Skin Corr. 1B (H314) Eye Dam. 1 (H318) Skin Sens. 1A (H317) Acute Tox. 3 (H301) Acute Tox. 2 (H330) Aquatic Acute 1 (H400) Aquatic Chronic 2 (H411) (M Factor Acute =1)	Skin Sens. 1 :: C>=0.0015%	No data available
reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and	611-341-5	55965-84-9	<0.0015	Acute Tox. 3 (H301) Acute Tox. 2	Eye Irrit. 2 :: 0.06%<=C<0.6% Skin Corr. 1B ::	01-2120764691-48-XXXX

# SAFETY DATA SHEET

BOSTIK FIX A995 VLIES  
Supercedes Date: 18-Sep-2019

Revision date 18-Sep-2019  
Revision Number 1

2-methyl-2H-isothiazol-3-one (3:1) [C(M)IT/MIT]				(H310) Acute Tox. 2 (H330) Skin Corr. 1B (H314) Eye Dam. 1 (H318) Skin Sens. 1A (H317) Aquatic Acute 1 (H400) Aquatic Chronic 1 (H410) M Factor Acute = 100 M Factor Chronic = 100	C>=0.6% Skin Irrit. 2 :: 0.06%<=C<0.6% Skin Sens. 1 :: C>=0.0015%	
---	--	--	--	--	---	--

## 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>	Remove to fresh air. If symptoms persist, call a doctor.
<b>Eye contact</b>	Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Consult an ophthalmologist.
<b>Skin contact</b>	Wash skin with soap and water. In the case of skin irritation or allergic reactions see a doctor.
<b>Ingestion</b>	Do NOT induce vomiting. If swallowed, rinse mouth with water (only if the person is conscious). Call a doctor.

### 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** 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

# SAFETY DATA SHEET

BOSTIK FIX A995 VLIES  
Supercedes Date: 18-Sep-2019

Revision date 18-Sep-2019  
Revision Number 1

**Specific hazards arising from the chemical** Thermal decomposition can lead to release of irritating and toxic gases and vapours. Do not allow run-off from fire-fighting to enter drains or water courses.

**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** Avoid contact with skin, eyes or clothing. Use personal protective equipment as required.

**Other information** 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** Avoid contact with skin, eyes or clothing. Use personal protection equipment.

**General hygiene considerations** Keep away from food, drink and animal feedingstuffs. Do not eat, drink or smoke when using this product. Wash hands before breaks and after work.

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

**Storage Conditions** Keep from freezing. Keep at temperatures between 10 and 35 °C.

### 7.3. Specific end use(s)

**Specific Use(s)**  
Adhesives. Dispersion.

**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**

# SAFETY DATA SHEET

BOSTIK FIX A995 VLIES  
Supercedes Date: 18-Sep-2019

Revision date 18-Sep-2019  
Revision Number 1

## 8.1. Control parameters

### Exposure Limits

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

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. Use with local exhaust ventilation. in the case of spray application.

### Personal Protective Equipment

<b>Eye/face protection</b>	Wear safety glasses with side shields (or goggles). Eye protection must conform to standard EN 166.
<b>Hand protection</b>	Wear suitable gloves. Gloves must conform to standard EN 374. Recommended Use: Neoprene™, Nitrile rubber, Butyl rubber. 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. Unsuitable gloves materials: Leather. Disposable gloves are suitable as protection against spray or splashes only.
<b>Skin and body protection</b>	Wear suitable protective clothing.
<b>Respiratory protection</b>	During spraying wear suitable respiratory equipment. Short term: Wear a respirator conforming to EN 140 with Type A/P2 filter or better.
<b>Recommended filter type:</b>	Brown. White.

**Environmental exposure controls** Do not allow into any sewer, on the ground or into any body of water.

## SECTION 9: Physical and chemical properties

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

<b>Physical state</b>	Liquid
<b>Appearance</b>	No information available
<b>Colour</b>	Beige White
<b>Odour</b>	Characteristic
<b>Odour threshold</b>	No information available

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	6.5 - 8.0	
Melting point / freezing point	No data available	
Boiling point / boiling range	100 °C	
Flash point	No data available	
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	120	hPa @ 50 °C
Vapour density	No data available	
Relative density	1.0	
Water solubility	Miscible in water	

# SAFETY DATA SHEET

BOSTIK FIX A995 VLIES  
Supersedes Date: 18-Sep-2019

Revision date 18-Sep-2019  
Revision Number 1

---

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	No data available
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	1.0 g/cm <sup>3</sup>
Bulk density	No information available

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

### 10.1. Reactivity

Reactivity Not applicable.

### 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 Keep from freezing.

### 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.

## **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.

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

# SAFETY DATA SHEET

BOSTIK FIX A995 VLIES  
Supercedes Date: 18-Sep-2019

Revision date 18-Sep-2019  
Revision Number 1

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

**Ingestion** 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

### Component Information

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
1,2-benzisothiazol-3(2H)-one [BIT] 2634-33-5	=490 mg/kg (Rattus)		
2-methyl-2H-isothiazol-3-one [MIT] 2682-20-4	LD50 =285 mg/Kg (Rattus)	LD50 >2000 mg/Kg (Rattus)	=0.11 mg/L (Rattus) 4 h
reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1) [C(M)IT/MIT] 55965-84-9	=53 mg/kg (Rattus)	LD50 = 87.12 mg/kg (Oryctolagus cuniculus)	

## 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** May cause an allergic skin reaction.

**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

# SAFETY DATA SHEET

BOSTIK FIX A995 VLIES  
Supersedes Date: 18-Sep-2019

Revision date 18-Sep-2019  
Revision Number 1

## Ecotoxicity

Chemical name	Algae/aquatic plants	Fish	Toxicity to Micro-organisms	Crustacea	M-Factor
1,2-benzisothiazol-3(2H)-one [BIT] 2634-33-5	EC50 3Hr 13mg/l (activated sludge) (OECD 209)	-	-	-	-
reaction mass of 5-chloro-2-methyl-2H-iso- thiazol-3-one and 2-methyl-2H-isothiazol-3- -one (3:1) [C(M)IT/MIT] 55965-84-9	EC50 (72h) =0.048 mg/L (Pseudokirchneriell a subcapitata) (OECD 201)	EC50 (96h) = 0.22 mg/L (Oncorhynchus mykiss) (OECD 211)	-	EC50 (48h) =0.1 mg/L (Daphnia magna) (OECD 202)	-

## 12.2. Persistence and degradability

**Persistence and degradability** No information available.

## 12.3. Bioaccumulative potential

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

## Component Information

Chemical name	Partition coefficient	Bioconcentration factor (BCF)
1,2-benzisothiazol-3(2H)-one [BIT] 2634-33-5	0.7	6.95
2-methyl-2H-isothiazol-3-one [MIT] 2682-20-4	-0.32	3.16
reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1) [C(M)IT/MIT] 55965-84-9	-	3.6

## 12.4. Mobility in soil

**Mobility in soil** No information available.

## 12.5. Results of PBT and vPvB assessment

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

Chemical name	PBT and vPvB assessment
1,2-benzisothiazol-3(2H)-one [BIT] 2634-33-5	The substance is not PBT / vPvB
2-methyl-2H-isothiazol-3-one [MIT] 2682-20-4	The substance is not PBT / vPvB
reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1) [C(M)IT/MIT] 55965-84-9	The substance is not PBT / vPvB

## 12.6. Other adverse effects

**Other adverse effects** No information available.

# SAFETY DATA SHEET

BOSTIK FIX A995 VLIES  
Supercedes Date: 18-Sep-2019

Revision date 18-Sep-2019  
Revision Number 1

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

<b>Waste from residues/unused products</b>	Dispose of contents/container in accordance with local, regional, national, and international regulations as applicable. Uncured product should be disposed of as hazardous waste.
<b>Contaminated packaging</b>	Handle contaminated packages in the same way as the product itself.
<b>European Waste Catalogue</b>	08 04 09* waste adhesives and sealants containing organic solvents or other dangerous substances
<b>Other information</b>	Waste codes should be assigned by the user based on the application for which the product was used.

## SECTION 14: Transport information

**Note:** Keep from freezing.

### Land transport (ADR/RID)

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

### IMDG

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

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

<b>14.1 UN number</b>	Not regulated
<b>14.2 Proper Shipping Name</b>	Not regulated
<b>14.3 Transport hazard class(es)</b>	Not regulated
<b>14.4 Packing group</b>	Not regulated
<b>14.5 Environmental hazards</b>	Not applicable
<b>14.6 Special Provisions</b>	None

## Section 15: REGULATORY INFORMATION

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

#### European Union

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

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

# SAFETY DATA SHEET

BOSTIK FIX A995 VLIES  
Supersedes Date: 18-Sep-2019

Revision date 18-Sep-2019  
Revision Number 1

## 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)

### **Biocidal Products Regulation (EU) No 528/2012 (BPR)**

Contains a biocide : Contains C(M)IT/MIT (3:1). May produce an allergic reaction

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

Not applicable

### **Persistent Organic Pollutants**

Not applicable

## National Regulations

### France

#### **Occupational Illnesses (R-463-3, France)**

Chemical name	French RG number
1,2-benzisothiazol-3(2H)-one [BIT] 2634-33-5	RG 65

### 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 12 : Non-combustible liquids

### Netherlands

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

## 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**

# SAFETY DATA SHEET

**BOSTIK FIX A995 VLIES**  
**Supersedes Date:** 18-Sep-2019

**Revision date** 18-Sep-2019  
**Revision Number** 1

---

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

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

H301 - Toxic if swallowed  
H302 - Harmful if swallowed  
H310 - Fatal in contact with skin  
H314 - Causes severe skin burns and eye damage  
H315 - Causes skin irritation  
H317 - May cause an allergic skin reaction  
H318 - Causes serious eye damage  
H330 - Fatal if inhaled  
H400 - Very toxic to aquatic life  
H410 - Very toxic to aquatic life with long lasting effects  
H411 - Toxic to aquatic life with long lasting effects

### **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, 16.

**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**