



# SAFETY DATA SHEET

This safety data sheet was created pursuant to the requirements of:  
Regulation (EC) No. 1907/2006 and Regulation (EC) No. 1272/2008  
This SDS is for generic information purposes and does not reflect required country specific information for OEL

**BOSTIK GRIP A920 PREMIUM**  
Supersedes Date: 12-Apr-2022

Revision date 12-Apr-2022  
Revision Number 1

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

### 1.1. Product identifier

**Product Name** BOSTIK GRIP A920 PREMIUM  
**Pure substance/mixture** Mixture

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

**Recommended use** Primers, Sealers, and Undercoaters: 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** 112

## 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

# SAFETY DATA SHEET

**BOSTIK GRIP A920 PREMIUM**  
**Supersedes Date:** 12-Apr-2022

**Revision date** 12-Apr-2022  
**Revision Number** 1

## Precautionary Statements - EU (§28, 1272/2008)

P102 - Keep out of reach of children  
P261 - Avoid breathing mist/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

No information available.

## PBT & vPvB

This mixture contains no substance considered to be persistent, bioaccumulating or toxic (PBT). This mixture contains no substance considered to be very persistent nor very bioaccumulating (vPvB).

## SECTION 3: Composition/information on ingredients

### 3.1 Substances

Not applicable

### 3.2 Mixtures

| Chemical name  | EC No.    | CAS No.    | Classification according to Regulation (EC) No. 1272/2008 [CLP]  | Specific concentration limit (SCL)   | M-Factor | M-Factor (long-term) | REACH registration number |
|--|-----------|------------|--|--|----------|----------------------|---------------------------|
| Ethylene glycol<br>1 - <2.5 %  | 203-473-3 | 107-21-1   | STOT RE 2 (H373)<br>Acute Tox. 4 (H302)  | -  | -        | -                    | 01-2119456816-28-XXXX     |
| Bronopol<br>0.01 - <0.05 %   | 200-143-0 | 52-51-7    | Acute Tox. 4 (H302)<br>Acute Tox. 4 (H312)<br>Skin Irrit. 2 (H315)<br>Eye Dam. 1 (H318)<br>STOT SE 3 (H335)<br>Aquatic Acute 1 (H400)<br>Aquatic Chronic 1 (H410)                            | -  | 10       | 1                    | 01-2119980938-15-XXXX     |
| 1,2-benzisothiazol-3(2H)-one [BIT]<br>0.01 - <0.05 %   | 220-120-9 | 2634-33-5  | Acute Tox. 4 (H302)<br>Skin Irrit. 2 (H315)<br>Eye Dam. 1 (H318)<br>Skin Sens. 1 (H317)<br>Aquatic Acute 1 (H400)<br>Acute Tox. 2 (H330)<br>Aquatic Chronic 2 (H411)                         | Skin Sens. 1 ::<br>C>=0.05%  | 1        | -                    | 01-2120761540-60-XXXX     |
| 2-methyl-2H-isothiazol-3-one [MIT]<br>0.0015 - <0.01 %   | 220-239-6 | 2682-20-4  | Skin Corr. 1B (H314)<br>Eye Dam. 1 (H318)<br>Skin Sens. 1A (H317)<br>Acute Tox. 3 (H301)<br>Acute Tox. 3 (H311)<br>Acute Tox. 2 (H330)<br>Aquatic Acute 1 (H400)<br>Aquatic Chronic 1 (H410) | Skin Sens. 1 ::<br>C>=0.0015%  | 10       | 1                    | 01-2120764690-50-xxxx     |
| reaction mass of<br>5-chloro-2-methyl-2H-isothiazol-3-one and<br>2-methyl-2H-isothiazol-3-one (3:1) [C(M)IT/MIT] | 611-341-5 | 55965-84-9 | Acute Tox. 3 (H301)<br>Acute Tox. 2 (H310)<br>Acute Tox. 2 (H330)<br>Skin Corr. 1C (H314)<br>Eye Dam. 1 (H318)   | Eye Dam. 1 ::<br>C>=0.6% Eye Irrit. 2 ::<br>0.06%<=C<0.6%<br>Skin Corr. 1C ::<br>C>=0.6% | 100      | 100                  | 01-2120764691-48-XXXX     |

# SAFETY DATA SHEET

**BOSTIK GRIP A920 PREMIUM**  
Supersedes Date: 12-Apr-2022

Revision date 12-Apr-2022  
Revision Number 1

|           |  |  |  |  |  |  |  |
|-----------|--|--|--|--|--|--|--|
| <0.0015 % |  |  | Skin Sens. 1A (H317)<br>Aquatic Acute 1 (H400)<br>Aquatic Chronic 1 (H410) | Skin Irrit. 2 ::<br>0.06%<=C<0.6%<br>Skin Sens. 1 ::<br>C>=0.0015% |  |  |  |
|-----------|--|--|--|--|--|--|--|

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

Acute Toxicity Estimate  
No information available

| Chemical name  | EC No     | CAS No     | Oral LD50<br>mg/kg | Dermal LD50<br>mg/kg | Inhalation<br>LC50 - 4 hour<br>- dust/mist -<br>mg/L | Inhalation<br>LC50 - 4 hour<br>- vapour -<br>mg/L | Inhalation<br>LC50 - 4 hour<br>- gas - ppm |
|--|-----------|------------|--------------------|----------------------|--|---|--|
| Ethylene glycol  | 203-473-3 | 107-21-1   | 500                | -                    | 3.7538   | -   | -  |
| Bronopol   | 200-143-0 | 52-51-7    | 300                | 1100                 | -  | -   | -  |
| 1,2-benzisothiazol-3(2H)-one [BIT]   | 220-120-9 | 2634-33-5  | 670                | -                    | 0.25   | -   | -  |
| 2-methyl-2H-isothiazol-3-one [MIT]   | 220-239-6 | 2682-20-4  | 285                | 243                  | 0.11   | -   | -  |
| reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1) [C(M)IT/MIT] | 611-341-5 | 55965-84-9 | 100                | 87.12                | 0.33   | -   | -  |

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)

## Notes

See section 16 for more information

| Chemical name   | Notes |
|---|-------|
| 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 | B     |

## 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. (Call a doctor if symptoms occur).   |
| <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. Get medical attention if irritation develops and persists. |
| <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>      | Do NOT induce vomiting. If swallowed, rinse mouth with water (only if the person is conscious). Get medical attention if symptoms occur.  |

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

# SAFETY DATA SHEET

BOSTIK GRIP A920 PREMIUM  
Supersedes Date: 12-Apr-2022

Revision date 12-Apr-2022  
Revision Number 1

**Symptoms** Itching. Rashes. Hives.

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

**Note to doctors** May cause sensitisation in susceptible persons. Treat symptomatically.

### **SECTION 5: Firefighting measures**

#### **5.1. Extinguishing media**

**Suitable Extinguishing Media** Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Unsuitable extinguishing media** Full water jet.

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

**Specific hazards arising from the chemical** Product itself does not burn.

#### **5.3. Advice for firefighters**

**Special protective equipment and precautions 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 breathing vapours or mists. Ensure adequate ventilation. Avoid contact with skin, eyes or clothing. Use personal protective equipment as required.

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

#### **6.2. Environmental precautions**

**Environmental precautions** See Section 12 for additional Ecological Information.

#### **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.

**Prevention of secondary hazards** Clean contaminated objects and areas thoroughly observing environmental regulations.

#### **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 breathing vapours or mists. Ensure adequate ventilation. Use personal protection equipment. Avoid contact with skin, eyes or clothing.

**General hygiene considerations** Do not eat, drink or smoke when using this product. Wash hands before breaks and after work. Take off contaminated clothing and wash it before reuse.

# SAFETY DATA SHEET

BOSTIK GRIP A920 PREMIUM  
Supersedes Date: 12-Apr-2022

Revision date 12-Apr-2022  
Revision Number 1

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

**Storage Conditions** Protect from frost. Keep containers tightly closed in a dry, cool and well-ventilated place.

**Recommended storage temperature** Keep at temperatures between 5 and 35 °C.

## 7.3. Specific end use(s)

**Specific use(s)**  
Dispersion. Primers, Sealers, and Undercoaters.

**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

### 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.

| Chemical name               | European Union   |
|-----------------------------|--|
| Ethylene glycol<br>107-21-1 | TWA: 20 ppm<br>TWA: 52 mg/m <sup>3</sup><br>STEL: 40 ppm<br>STEL: 104 mg/m <sup>3</sup><br>* |

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

| Derived No Effect Level (DNEL)                 |                |                                |               |
|--|----------------|--------------------------------|---------------|
| Ethylene glycol (107-21-1)                     |                |                                |               |
| Type   | Exposure route | Derived No Effect Level (DNEL) | Safety factor |
| worker<br>Long term<br>Systemic health effects | Dermal         | 106 mg/kg bw/d                 |               |
| worker<br>Long term<br>Systemic health effects | Inhalation     | 35 mg/m <sup>3</sup>           |               |

| 1,2-benzisothiazol-3(2H)-one [BIT] (2634-33-5) |                |                                |               |
|--|----------------|--------------------------------|---------------|
| Type   | Exposure route | Derived No Effect Level (DNEL) | Safety factor |
| worker<br>Long term<br>Systemic health effects | Inhalation     | 6.81 mg/m <sup>3</sup>         |               |
| worker<br>Long term<br>Systemic health effects | Dermal         | 0.966 mg/kg bw/d               |               |

| Derived No Effect Level (DNEL) |                |                                |               |
|--------------------------------|----------------|--------------------------------|---------------|
| Ethylene glycol (107-21-1)     |                |                                |               |
| Type                           | Exposure route | Derived No Effect Level (DNEL) | Safety factor |
| Consumer<br>Long term          | Dermal         | 53 mg/kg bw/d                  |               |

# SAFETY DATA SHEET

BOSTIK GRIP A920 PREMIUM  
Supersedes Date: 12-Apr-2022

Revision date 12-Apr-2022  
Revision Number 1

|   |            |                     |  |
|---|------------|---------------------|--|
| Systemic health effects                       |            |                     |  |
| Consumer<br>Long term<br>Local health effects | Inhalation | 7 mg/m <sup>3</sup> |  |

| 1,2-benzisothiazol-3(2H)-one [BIT] (2634-33-5)   |                |                                |               |
|--|----------------|--------------------------------|---------------|
| Type   | Exposure route | Derived No Effect Level (DNEL) | Safety factor |
| Consumer<br>Long term<br>Systemic health effects | Inhalation     | 1.2 mg/m <sup>3</sup>          |               |
| Consumer<br>Long term<br>Systemic health effects | Dermal         | 0.345 mg/kg bw/d               |               |

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

| Predicted No Effect Concentration (PNEC) |  |
|--|--|
| Ethylene glycol (107-21-1)               |  |
| Environmental compartment                | Predicted No Effect Concentration (PNEC) |
| Freshwater                               | 10 mg/l                                  |
| Marine water                             | 1 mg/l                                   |
| Freshwater sediment                      | 37 mg/kg dry weight                      |
| Marine sediment                          | 3.7 mg/kg dry weight                     |
| Soil                                     | 1.53 mg/kg dry weight                    |
| Microorganisms in sewage treatment       | 199.5 mg/l                               |

| 1,2-benzisothiazol-3(2H)-one [BIT] (2634-33-5) |  |
|--|--|
| Environmental compartment                      | Predicted No Effect Concentration (PNEC) |
| Freshwater                                     | 4.03 µg/l                                |
| Marine water                                   | 0.403 µg/l                               |
| Sewage treatment plant                         | 1.03 mg/l                                |
| Freshwater sediment                            | 49.9 µg/l                                |
| Marine sediment                                | 4.99 µg/l                                |
| Soil   | 3 mg/kg dry weight                       |

## 8.2. Exposure controls

**Engineering controls** Ensure adequate ventilation, especially in confined areas. Provide local exhaust ventilation. in the case of spray application.

### 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: Nitrile rubber. Butyl rubber. Glove thickness > 0.4 mm. 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** During spraying wear suitable respiratory equipment.
- Recommended filter type:** White. Brown.

**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** Dispersion

# SAFETY DATA SHEET

BOSTIK GRIP A920 PREMIUM  
Supersedes Date: 12-Apr-2022

Revision date 12-Apr-2022  
Revision Number 1

Colour White Grey  
Odour Slight. Characteristic.  
Odour threshold No information available

| <u>Property</u>                         | <u>Values</u>                | <u>Remarks • Method</u> |
|---|------------------------------|-------------------------|
| Melting point / freezing point          | 0 °C                         |                         |
| Initial boiling point and boiling range | 100 °C                       |                         |
| Flammability                            | Not applicable for liquids . |                         |
| Flammability Limit in Air               |                              | None known              |
| Upper flammability or explosive limits  | No data available            |                         |
| Lower flammability or explosive limits  | No data available            |                         |
| Flash point                             | Not applicable . °C          |                         |
| Autoignition temperature                | No data available            |                         |
| Decomposition temperature               |                              | None known              |
| pH                                      | 8.5 - 10.5                   |                         |
| pH (as aqueous solution)                | No data available            |                         |
| Kinematic viscosity                     | No data available            |                         |
| Dynamic viscosity                       | No data available            |                         |
| Water solubility                        | Miscible in water            |                         |
| Solubility(ies)                         | No data available            |                         |
| Partition coefficient                   | No data available            |                         |
| Vapour pressure                         | ca. 120                      | kPa @ 50 °C             |
| Relative density                        | 1                            |                         |
| Bulk Density                            | No data available            |                         |
| Liquid Density                          | ca. 1 g/cm <sup>3</sup>      |                         |
| Relative vapour density                 | No data available            |                         |
| Particle characteristics                |                              |                         |
| Particle Size                           | No information available     |                         |
| Particle Size Distribution              | No information available     |                         |

## 9.2. Other information

### VOC Content (%)

9.2.1. Information with regards to physical hazard classes  
Not applicable

9.2.2. Other safety characteristics  
No information available

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

### 10.1. Reactivity

Reactivity Stable under recommended storage conditions.

### 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.

# SAFETY DATA SHEET

BOSTIK GRIP A920 PREMIUM  
Supersedes Date: 12-Apr-2022

Revision date 12-Apr-2022  
Revision Number 1

## 10.4. Conditions to avoid

Conditions to avoid Protect from frost.

## 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 hazard classes as defined in Regulation (EC) No 1272/2008

#### 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.  
**Skin contact** May cause sensitisation by skin contact.  
**Ingestion** Based on available data, the classification criteria are not met.

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

Symptoms Itching. Rashes. Hives.

#### Acute toxicity

#### Numerical measures of toxicity

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

ATEmix (oral) 25,000.00 mg/kg  
ATEmix (inhalation-dust/mist) 187.70 mg/l

#### Component Information

| Chemical name  | Oral LD50                | Dermal LD50   | Inhalation LC50  |
|--|--------------------------|---|--|
| Ethylene glycol  | ATE 500 mg/kg            | = 10600 mg/kg (Rattus) =<br>9530 µL/kg (Oryctolagus<br>cuniculus) | > 2.5 mg/L ( Rat ) 6 h   |
| Bronopol   | 300 - 400 mg/Kg (Rattus) | = 1600 mg/kg (Rattus)   | =800 mg/m <sup>3</sup> (Rattus) 4 h > 5<br>g/m <sup>3</sup> (Rattus) 6 h |
| 1,2-benzisothiazol-3(2H)-one<br>[BIT]  | =670 mg/kg (Rattus)      | LD50 > 2000 mg/kg (Rattus)  | ATE = 0.25 mg/L  |
| 2-methyl-2H-isothiazol-3-one<br>[MIT]  | LD50 =285 mg/Kg (Rattus) | LD50 >242 mg/Kg (Rattus)  | =0.11 mg/L (Rattus) 4 h  |
| reaction mass of<br>5-chloro-2-methyl-2H-isothiazol<br>1-3-one and<br>2-methyl-2H-isothiazol-3-one<br>(3:1) [C(M)IT/MIT] | -                        | LD50 = 87.12 mg/kg<br>(Oryctolagus cuniculus)                     | = 0.33 mg/L (Rat) 4h   |

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



# SAFETY DATA SHEET

BOSTIK GRIP A920 PREMIUM  
Supersedes Date: 12-Apr-2022

Revision date 12-Apr-2022  
Revision Number 1

**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.

2-methyl-2H-isothiazol-3-one [MIT] (2682-20-4)

| Method                                | Species    | Exposure route | Results     |
|---------------------------------------|------------|----------------|-------------|
| OECD Test No. 406: Skin Sensitisation | Guinea pig | Dermal         | Sensitizing |

**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.

## 11.2. Information on other hazards

### 11.2.1. Endocrine disrupting properties

**Endocrine disrupting properties** No information available.

### 11.2.2. Other information

**Other adverse effects** No information available.

## SECTION 12: Ecological information

### 12.1. Toxicity

#### Ecotoxicity

| Chemical name               | Algae/aquatic plants  | Fish   | Toxicity to microorganisms   | Crustacea   | M-Factor | M-Factor (long-term) |
|-----------------------------|---|--|--|---|----------|----------------------|
| Ethylene glycol<br>107-21-1 | EC50: 6500 - 13000mg/L (96h, <i>Pseudokirchneriella subcapitata</i> ) | LC50 96 h = 16000 mg/L ( <i>Poecilia reticulata static</i> ) | EC50 = 10000 mg/L 16 h<br>EC50 = 620 mg/L 30 min<br>EC50 = 620.0 mg/L 30 min | EC50: =46300mg/L (48h, <i>Daphnia magna</i> )         |          |                      |
| Bronopol<br>52-51-7         | EC50 (72h) = 0,068 mg/l ( <i>Anabaena flos</i> )                      | LC50 (96h) = 3 mg/L ( <i>Oncorhynchus</i> )                  | EC50 = 0.41 mg/L 30 min<br>EC50 = 0.50                                       | EC50 (48h) =1.4 mg/L ( <i>Daphnia magna, static</i> ) | 10       | 1                    |

# SAFETY DATA SHEET

**BOSTIK GRIP A920 PREMIUM**  
**Supersedes Date:** 12-Apr-2022

**Revision date** 12-Apr-2022  
**Revision Number** 1

|  | aqua) (OECD 201)  | mykiss) (OECD 203)   | mg/L 15 min<br>EC50 = 0.91<br>mg/L 5 min | (OECD 202)                                       |     |     |
|--|---|--|--|--|-----|-----|
| 1,2-benzisothiazol-3(2H)-one [BIT]<br>2634-33-5  | EC50 3Hr<br>13mg/l<br>(activated sludge) (OECD 209)                       | LC50 (96hr)<br>2.15 mg/l<br>Cyprinodon variegatus EPA 540/9-85-006 | -  | EC50(48hr) 2.94 mg/l (Daphnia Magna) OECD 202    | 1   |     |
| 2-methyl-2H-isothiazol-3-one [MIT]<br>2682-20-4  | EC50 (72hr)<br>0.157 mg/l<br>(Pseudokirchneriella subcapitata) (OECD 201) | EC50 (96hr)<br>5.71 mg/l<br>(Oncorhynchus mykiss) OECD 203         | -  | EC50 (48hr)<br>1.68 mg/l<br>(Daphnia) (OECD 202) | 10  | 1   |
| reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1) [C(M)IT/MIT]<br>55965-84-9 | EC50 (72h)<br>=0.048 mg/L<br>(Pseudokirchneriella subcapitata) (OECD 201) | EC50 (96h) =<br>0.22 mg/L<br>(Oncorhynchus mykiss) (OECD 211)      | -  | EC50 (48h) =0.1 mg/L (Daphnia magna) (OECD 202)  | 100 | 100 |

## 12.2. Persistence and degradability

**Persistence and degradability** No information available.

2-methyl-2H-isothiazol-3-one [MIT] (2682-20-4)

| Method  | Exposure time | Value                    | Results                        |
|---|---------------|--------------------------|--------------------------------|
| OECD Test No. 308: Aerobic and Anaerobic Transformation in Aquatic Sediment Systems         |               | Half-life                | 1.28-2.1 days                  |
| OECD Test No. 309: Aerobic Mineralization in Surface Water - Simulation Biodegradation Test |               | biodegradation Half-life | Readily biodegradable 4.1 days |

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)

| Method  | Exposure time | Value          | Results                   |
|---|---------------|----------------|---------------------------|
| OECD Test No. 301B: Ready Biodegradability: CO2 Evolution Test (TG 301 B) | 28 days       | biodegradation | Not readily biodegradable |

## 12.3. Bioaccumulative potential

**Bioaccumulation**

### Component Information

| Chemical name  | Partition coefficient |
|--|-----------------------|
| Ethylene glycol  | -1.36                 |
| Bronopol   | 0.22                  |
| 1,2-benzisothiazol-3(2H)-one [BIT]   | 0.7                   |
| 2-methyl-2H-isothiazol-3-one [MIT]   | -0.32                 |
| reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1) [C(M)IT/MIT] | 0.7                   |

## 12.4. Mobility in soil

**Mobility in soil** No information available.

## 12.5. Results of PBT and vPvB assessment

**PBT and vPvB assessment** This mixture contains no substance considered to be persistent, bioaccumulating or toxic (PBT).

# SAFETY DATA SHEET

BOSTIK GRIP A920 PREMIUM  
Supersedes Date: 12-Apr-2022

Revision date 12-Apr-2022  
Revision Number 1

| Chemical name  | PBT and vPvB assessment                                       |
|--|---|
| Ethylene glycol  | The substance is not PBT / vPvB PBT assessment does not apply |
| Bronopol   | The substance is not PBT / vPvB                               |
| 1,2-benzisothiazol-3(2H)-one [BIT]   | The substance is not PBT / vPvB                               |
| 2-methyl-2H-isothiazol-3-one [MIT]   | 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] | The substance is not PBT / vPvB                               |

## 12.6. Endocrine disrupting properties

**Endocrine disrupting properties** No information available.

## 12.7. Other adverse effects

No information available.

## 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. |
| <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)

|                                 |                |
|---------------------------------|----------------|
| 14.1 UN number or ID 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 or ID 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 Maritime transport in bulk according to IMO instruments | Not applicable |

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

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

# SAFETY DATA SHEET

BOSTIK GRIP A920 PREMIUM  
Supersedes Date: 12-Apr-2022

Revision date 12-Apr-2022  
Revision Number 1

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

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

#### 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                                |
|---|---|
| Ethylene glycol<br>107-21-1                     | RG 84<br>RG 5, RG 14, RG 15, RG 15bis, RG 20bis |
| 1,2-benzisothiazol-3(2H)-one [BIT]<br>2634-33-5 | RG 65   |

##### Germany

# SAFETY DATA SHEET

**BOSTIK GRIP A920 PREMIUM**  
Supersedes Date: 12-Apr-2022

Revision date 12-Apr-2022  
Revision Number 1

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

No flammable liquids in accordance with BetrSichV

**Water hazard class (WGK)** slightly hazardous to water (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)

Not Listed

## Denmark

**Registration number(s) (P-no.)** No information available

## Norway

**Registration number(s) (PRN-no.)** No information available

## 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

H301 - Toxic if swallowed  
H302 - Harmful if swallowed  
H310 - Fatal in contact with skin  
H311 - Toxic in contact with skin  
H312 - Harmful 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  
H335 - May cause respiratory irritation  
H373 - May cause damage to organs through prolonged or repeated exposure  
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

#### Notes assigned to an entry

**Note B:** Some substances (acids, bases, etc.) are placed on the market in aqueous solutions at various concentrations and, therefore, these solutions require different classification and labelling since the hazards vary at different concentrations.

In Part 3 entries with Note B have a general designation of the following type: 'nitric acid ... %'.

In this case the supplier must state the percentage concentration of the solution on the label. Unless otherwise stated, it is assumed that the percentage concentration is calculated on a weight/weight basis

SVHC: Substances of Very High Concern for Authorisation:

PBT: Persistent, Bioaccumulative, and Toxic (PBT) Chemicals

vPvB: Very Persistent and very Bioaccumulative (vPvB) Chemicals

STOT RE: Specific target organ toxicity - Repeated exposure

STOT SE: Specific target organ toxicity - Single exposure

EWC: European Waste Catalogue

LOW: List of Wastes (see <http://ec.europa.eu/environment/waste/framework/list.htm>)

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road

IATA: International Air Transport Association

ICAO: ICAO-TI: Technical Instructions for the Safe Transport of Dangerous Goods by Air

IMDG: International Maritime Dangerous Goods

RID: Regulations concerning the International Carriage of Dangerous Goods by Rail

# SAFETY DATA SHEET

**BOSTIK GRIP A920 PREMIUM**  
Supersedes Date: 12-Apr-2022

Revision date 12-Apr-2022  
Revision Number 1

## Legend SECTION 8: Exposure controls/personal protection

|         |                                   |      |                                  |
|---------|-----------------------------------|------|----------------------------------|
| TWA     | TWA (time-weighted average)       | STEL | STEL (Short Term Exposure Limit) |
| AGW     | Occupational exposure limit value | BGW  | Biological limit value           |
| Ceiling | Maximum limit value               | *    | Skin designation                 |

| Classification procedure  |                    |
|---|--------------------|
| Classification according to Regulation (EC) No. 1272/2008 [CLP] | Method Used        |
| Acute oral toxicity   | Calculation method |
| Acute dermal toxicity   | Calculation method |
| Acute inhalation toxicity - gas                                 | Calculation method |
| Acute inhalation toxicity - Vapour                              | Calculation method |
| Acute inhalation toxicity - dust/mist                           | Calculation method |
| Skin corrosion/irritation                                       | Calculation method |
| Serious eye damage/eye irritation                               | Calculation method |
| Respiratory sensitisation                                       | Calculation method |
| Skin sensitisation  | Calculation method |
| mutagenicity  | Calculation method |
| Carcinogenicity   | Calculation method |
| Reproductive toxicity   | Calculation method |
| STOT - single exposure  | Calculation method |
| STOT - repeated exposure  | Calculation method |
| Acute aquatic toxicity  | Calculation method |
| Chronic aquatic toxicity  | Calculation method |
| Aspiration hazard   | Calculation method |
| Ozone   | Calculation method |

## Key literature references and sources for data used to compile the SDS

European Food Safety Authority (EFSA)  
European Chemicals Agency (ECHA) Committee for Risk Assessment (ECHA\_RAC)  
European Chemicals Agency (ECHA) (ECHA\_API)  
EPA (Environmental Protection Agency)  
Acute Exposure Guideline Level(s) (AEGL(s))  
International Uniform Chemical Information Database (IUCLID)  
National Institute of Technology and Evaluation (NITE)  
NIOSH (National Institute for Occupational Safety and Health)  
Organisation for Economic Co-operation and Development Environment, Health, and Safety Publications  
Organisation for Economic Co-operation and Development High Production Volume Chemicals Programme  
Organisation for Economic Co-operation and Development Screening Information Data Set

|                            |   |
|----------------------------|---|
| <b>Prepared By</b>         | Product Safety & Regulatory Affairs   |
| <b>Revision date</b>       | 12-Apr-2022   |
| <b>Revision note</b>       | SDS sections updated  |
| <b>Training Advice</b>     | When working with hazardous materials, regular training of operators is required by law |
| <b>Further information</b> | 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**