

**BOSTIK ARDAFLEX MULTI**  
Supersedes Date: 21-Feb-2019

Revision date 24-Mar-2020  
Revision Number 3.01

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

### 1.1. Product Identifier

**Product Name** BOSTIK ARDAFLEX MULTI  
**Pure substance/mixture** Mixture

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

**Recommended use** Adhesive.  
**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

Not classified

### 2.2. Label Elements

Not classified

**Signal word**  
None

**Hazard statements**  
Not classified

#### **EU Specific Hazard Statements**

EUH208 - Contains Octadecanoic acid, 12-hydroxy-, reaction products with ethylenediamine. May produce an allergic reaction.  
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

### PBT and vPvB assessment

# SAFETY DATA SHEET

BOSTIK ARDAFLEX MULTI  
Supersedes Date: 21-Feb-2019

Revision date 24-Mar-2020  
Revision Number 3.01

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

| Chemical name  | EC No.    | CAS No.     | Weight-% | Classification according to Regulation (EC) No. 1272/2008 [CLP] | Specific concentration limit (SCL) | REACH Registration Number |
|--|-----------|-------------|----------|---|------------------------------------|---------------------------|
| Trimethoxyvinylsilane  | 220-449-8 | 2768-02-7   | 1 - <2.5 | Acute Tox. 4 (H332)<br>Flam. Liq. 3 (H226)                      |                                    | 01-2119513215-52-XXXX     |
| Octadecanoic acid, 12-hydroxy-, reaction products with ethylenediamine | 309-629-8 | 100545-48-0 | 0.1- <1  | Skin Sens. 1 (H317)<br>Aquatic Chronic 3 (H412)                 | Skin Sens. 1 :: C>=25%             | 01-2119979085-27-XXXX     |

### 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>    | 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. If symptoms persist, call a doctor.                |
| <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). Small amounts of toxic methanol are released by hydrolysis. Call a doctor or poison control centre immediately. |

### 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.

# SAFETY DATA SHEET

BOSTIK ARDAFLEX MULTI  
Supercedes Date: 21-Feb-2019

Revision date 24-Mar-2020  
Revision Number 3.01

## 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.

**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** Ensure adequate ventilation. Use personal protective equipment as required. 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 all contaminated clothing and wash it before reuse.

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

**Storage Conditions** Protect from moisture. Keep at temperatures between 5 and 35 °C. Keep away from food, drink and animal feedingstuffs.

# SAFETY DATA SHEET

BOSTIK ARDAFLEX MULTI  
Supersedes Date: 21-Feb-2019

Revision date 24-Mar-2020  
Revision Number 3.01

## 7.3. Specific end use(s)

### Specific Use(s)

Adhesive.

**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** 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<br>67-56-1 | TWA: 200 ppm<br>TWA: 260 mg/m <sup>3</sup><br>* |

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

| Derived No Effect Level (DNEL)<br>Trimethoxyvinylsilane (2768-02-7) |  |
|---|--|
| Type  | worker Systemic health effects Long term |
| Exposure route  | Inhalation                               |
| Derived No Effect Level (DNEL)                                      | 27,6 mg/m <sup>3</sup>                   |

|                                |  |
|--------------------------------|--|
| Type                           | worker Systemic health effects Long term |
| Exposure route                 | Dermal                                   |
| Derived No Effect Level (DNEL) | 3,9 mg/kg bw/d                           |

| Octadecanoic acid, 12-hydroxy-, reaction products with ethylenediamine (100545-48-0) |                                       |
|--|---------------------------------------|
| Type   | worker Long term Local health effects |
| Exposure route   | Inhalation                            |
| Derived No Effect Level (DNEL)   | 3.35 mg/m <sup>3</sup>                |

| Derived No Effect Level (DNEL)<br>Trimethoxyvinylsilane (2768-02-7) |  |
|---|--|
| Type  | Consumer Systemic health effects Long term |
| Exposure route  | Inhalation                                 |
| Derived No Effect Level (DNEL)                                      | 18,9 mg/m <sup>3</sup>                     |

|                                |  |
|--------------------------------|--|
| Type                           | Consumer Systemic health effects Long term |
| Exposure route                 | Dermal                                     |
| Derived No Effect Level (DNEL) | 7,8 mg/kg bw/d                             |

|                                |  |
|--------------------------------|--|
| Type                           | Consumer Systemic health effects Long term |
| Exposure route                 | Oral                                       |
| Derived No Effect Level (DNEL) | 0,3 mg/kg bw/d                             |

| Octadecanoic acid, 12-hydroxy-, reaction products with ethylenediamine (100545-48-0) |                    |
|--|--------------------|
| Type   | Consumer Long term |

# SAFETY DATA SHEET

BOSTIK ARDAFLEX MULTI  
Supersedes Date: 21-Feb-2019

Revision date 24-Mar-2020  
Revision Number 3.01

|                                |                        |
|--------------------------------|------------------------|
| Exposure route                 | Inhalation             |
| Derived No Effect Level (DNEL) | 0.83 mg/m <sup>3</sup> |

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

| Predicted No Effect Concentration (PNEC) |  |
|--|--|
| Trimethoxyvinylsilane (2768-02-7)        |  |
| Environmental compartment                | Predicted No Effect Concentration (PNEC) |
| Freshwater                               | 0.34 mg/l                                |
| Marine water                             | 0.034 mg/l                               |
| Microorganisms in sewage treatment       | 110 mg/l                                 |

## 8.2. Exposure controls

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

### 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. 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. Gloves must conform to standard EN 374 |
| <b>Skin and body protection</b> | Wear suitable protective clothing.  |
| <b>Respiratory protection</b>   | 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.   |
| <b>Recommended filter type:</b> | Brown. Organic gases and vapours filter conforming to EN 14387. 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

|                        |                          |
|------------------------|--------------------------|
| <b>Physical state</b>  | Liquid                   |
| <b>Appearance</b>      | Paste                    |
| <b>Colour</b>          | Beige                    |
| <b>Odour</b>           | Slight Characteristic    |
| <b>Odour threshold</b> | No information available |

| <u>Property</u>                        | <u>Values</u>              | <u>Remarks • Method</u> |
|--|----------------------------|-------------------------|
| 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                            | > 61 °C                    | CC (closed cup)         |
| Evaporation rate                       | No data available          |                         |
| Flammability (solid, gas)              | Not applicable for liquids |                         |
| 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             |
| Vapour density                         | No data available          |                         |
| Relative density                       | 1.4 - 1.6                  |                         |
| Water solubility                       | Reacts with water          |                         |
| Solubility(ies)                        | No data available          |                         |
| Partition coefficient                  | No data available          |                         |

# SAFETY DATA SHEET

BOSTIK ARDAFLEX MULTI  
Supersedes Date: 21-Feb-2019

Revision date 24-Mar-2020  
Revision Number 3.01

|                           |                          |                           |
|---------------------------|--------------------------|---------------------------|
| Autoignition temperature  | No data available        |                           |
| Decomposition temperature | No data available        |                           |
| Kinematic viscosity       | No data available        |                           |
| Dynamic viscosity         | approx. 3500 - 5500 Pa.s | Spindle 3 @ 1 rpm @ 23 °C |
| Explosive properties      | No data available        |                           |
| Oxidising properties      | No data available        |                           |

## 9.2. Other information

|                   |                           |   |
|-------------------|---------------------------|---|
| Solid content (%) | No information available  |   |
| VOC Content (%)   | < 3 %                     | Swiss ordinance on the Incentive Tax on Volatile Organic Compounds of 12 Nov 1997 |
| Density           | ca. 1.5 g/cm <sup>3</sup> |   |

## 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.

## 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.

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

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

# SAFETY DATA SHEET

BOSTIK ARDAFLEX MULTI  
Supersedes Date: 21-Feb-2019

Revision date 24-Mar-2020  
Revision Number 3.01

## 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

ATEmix (dermal) 22,483.10 mg/kg  
ATEmix (inhalation-vapour) 1,203.49 mg/l

## Component Information

| Chemical name   | Oral LD50                                    | Dermal LD50                             | Inhalation LC50                              |
|---|--|---|--|
| Trimethoxyvinylsilane<br>2768-02-7  | LD50 = 7120 -7236 mg/kg<br>(Rattus) OECD 401 | = 3360 µL/kg (Oryctolagus<br>cuniculus) | LC50 (4hr) 16.8 mg/l (Rattus)<br>OECD TG 403 |
| Octadecanoic acid,<br>12-hydroxy-, reaction products<br>with ethylenediamine<br>100545-48-0 | LD50 >2000 mg/kg (Rattus)                    |   | LC50 =5.05 mg/kg (Rattus)                    |

## 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.

| Component Information             |         |                |                |               |              |
|-----------------------------------|---------|----------------|----------------|---------------|--------------|
| Trimethoxyvinylsilane (2768-02-7) |         |                |                |               |              |
| Method                            | Species | Exposure route | Effective dose | Exposure time | Results      |
|                                   | Rabbit  | Dermal         | 0.5 mL         | 24 hours      | Non-irritant |

| Octadecanoic acid, 12-hydroxy-, reaction products with ethylenediamine (100545-48-0) |          |                |                |               |              |
|--|----------|----------------|----------------|---------------|--------------|
| Method   | Species  | Exposure route | Effective dose | Exposure time | Results      |
| OECD Test No. 431: In Vitro Skin Corrosion: Human Skin Model Test                    | EPISKIN™ | in vitro       | 0.02 g         | 4 hours       | Non-irritant |

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

| Component Information                             |         |                |                |               |              |
|---|---------|----------------|----------------|---------------|--------------|
| Trimethoxyvinylsilane (2768-02-7)                 |         |                |                |               |              |
| Method  | Species | Exposure route | Effective dose | Exposure time | Results      |
| OECD Test No. 405: Acute Eye Irritation/Corrosion | Rabbit  | eye            |                | 24 hours      | Non-irritant |

| Octadecanoic acid, 12-hydroxy-, reaction products with ethylenediamine (100545-48-0) |         |                |                |               |              |
|--|---------|----------------|----------------|---------------|--------------|
| Method   | Species | Exposure route | Effective dose | Exposure time | Results      |
| OECD Test No. 405: Acute Eye Irritation/Corrosion                                    | Rabbit  | eye            | 0.1 mL         | 72 hours      | Non-irritant |

**Respiratory or skin sensitisation** May produce an allergic reaction.

| Component Information             |         |                |         |
|-----------------------------------|---------|----------------|---------|
| Trimethoxyvinylsilane (2768-02-7) |         |                |         |
| Method                            | Species | Exposure route | Results |

# SAFETY DATA SHEET

**BOSTIK ARDAFLEX MULTI**  
**Supersedes Date:** 21-Feb-2019

**Revision date** 24-Mar-2020  
**Revision Number** 3.01

|                                       |            |        |                       |
|---------------------------------------|------------|--------|-----------------------|
| OECD Test No. 406: Skin Sensitisation | Guinea pig | Dermal | Not a skin sensitiser |
|---------------------------------------|------------|--------|-----------------------|

| Octadecanoic acid, 12-hydroxy-, reaction products with ethylenediamine (100545-48-0) |            |                |                    |
|--|------------|----------------|--------------------|
| Method   | Species    | Exposure route | Results            |
| OECD Test No. 406: Skin Sensitisation  | Guinea pig | Dermal         | Sensitizing > 25 % |

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

| Component Information                              |          |               |
|--|----------|---------------|
| Trimethoxyvinylsilane (2768-02-7)                  |          |               |
| Method   | Species  | Results       |
| OECD Test No. 471: Bacterial Reverse Mutation Test | in vitro | Not mutagenic |

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

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

| Component Information  |         |                  |
|--|---------|------------------|
| Trimethoxyvinylsilane (2768-02-7)  |         |                  |
| Method   | Species | Results          |
| OECD Test No. 422: Combined Repeated Dose Toxicity Study with the Reproduction/Developmental Toxicity Screening Test | Rat     | Not Classifiable |

| Octadecanoic acid, 12-hydroxy-, reaction products with ethylenediamine (100545-48-0) |         |                  |
|--|---------|------------------|
| Method   | Species | Results          |
| OECD Test No. 421: Reproduction/Developmental Toxicity Screening Test                | Rat     | Not Classifiable |

**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.

| Component Information  |         |                   |                |               |             |
|--|---------|-------------------|----------------|---------------|-------------|
| Trimethoxyvinylsilane (2768-02-7)                                |         |                   |                |               |             |
| Method   | Species | Exposure route    | Effective dose | Exposure time | Results     |
| OECD Test No. 413: Sub-chronic Inhalation Toxicity: 90-day Study | Rat     | Inhalation vapour |                | 90 days       | 0.058 NOAEL |

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

## SECTION 12: Ecological information

### 12.1. Toxicity

#### Ecotoxicity

| Chemical name | Algae/aquatic plants | Fish | Toxicity to Micro-organisms | Crustacea | M-Factor | M-Factor (long-term) |
|---------------|----------------------|------|-----------------------------|-----------|----------|----------------------|
|               |                      |      |                             |           |          |                      |



# SAFETY DATA SHEET

**BOSTIK ARDAFLEX MULTI**  
**Supersedes Date:** 21-Feb-2019

**Revision date** 24-Mar-2020  
**Revision Number** 3.01

|   |  |  |   |  |  |  |
|---|--|--|---|--|--|--|
| Trimethoxyvinylsilane<br>2768-02-7  | EC 50 (72h) > 957 mg/l<br>(Desmodesmus subspicatus)<br>EU Method C.3 | LC50 (96h) = 191 mg/l<br>(Oncorhynchus mykiss) | - | EC50(48hr)<br>168.7mg/l<br>(Daphnia magna)       |  |  |
| Octadecanoic acid, 12-hydroxy-, reaction products with ethylenediamine<br>100545-48-0 | EL50 (72h) >100 mg/L<br>Algae<br>(Pseudokirchneriella subcapitata)   | LL50 (96h) >10mg/L<br>(Onchohynchus mykiss)    | - | EL50 (48h) >10mg/L<br>Daphnia<br>(Daphnia magna) |  |  |

## 12.2. Persistence and degradability

**Persistence and degradability** No information available.

| Component Information   |               |       |                                |
|---|---------------|-------|--------------------------------|
| Trimethoxyvinylsilane (2768-02-7)   |               |       |                                |
| Method  | Exposure time | Value | Results                        |
| OECD Test No. 301F: Ready Biodegradability: Manometric Respirometry Test (TG 301 F) | 28 days       | BOD   | 51 % Not readily biodegradable |

## 12.3. Bioaccumulative potential

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

### Component Information

| Chemical name                      | Partition coefficient | Bioconcentration factor (BCF) |
|------------------------------------|-----------------------|-------------------------------|
| Trimethoxyvinylsilane<br>2768-02-7 | 1.1                   | -                             |

## 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         |
|---|---------------------------------|
| Trimethoxyvinylsilane<br>2768-02-7  | The substance is not PBT / vPvB |
| Octadecanoic acid, 12-hydroxy-, reaction products with ethylenediamine<br>100545-48-0 | The substance is not PBT / vPvB |

## 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

# SAFETY DATA SHEET

BOSTIK ARDAFLEX MULTI  
Supersedes Date: 21-Feb-2019

Revision date 24-Mar-2020  
Revision Number 3.01

---

|                                 |   |
|---------------------------------|---|
|                                 | 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 10 waste adhesives and sealants other than those mentioned in 08 04 09                        |
| <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

### 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 | Not applicable |

### 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  |
| 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

#### 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 contains one or more substance(s) subject to restriction (Regulation (EC) No. 1907/2006 (REACH), Annex XVII).

| Chemical name      | CAS No.  | Restricted substance per REACH Annex XVII |
|--------------------|----------|---|
| Diocetyl tin oxide | 870-08-6 | 20  |

##### 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)

# SAFETY DATA SHEET

**BOSTIK ARDAFLEX MULTI**  
Supercedes Date: 21-Feb-2019

Revision date 24-Mar-2020  
Revision Number 3.01

## 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)** slightly hazardous to water (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)

## 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

H226 - Flammable liquid and vapour

H317 - May cause an allergic skin reaction

H332 - Harmful if inhaled

H412 - Harmful to aquatic life with long lasting effects

#### **Legend**

TWA

TWA (time-weighted average)

STEL

STEL (Short Term Exposure Limit)

Ceiling

Ceiling Limit Value

\*

Skin designation

SVHC

Substance(s) of Very High Concern

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

# SAFETY DATA SHEET

**BOSTIK ARDAFLEX MULTI**  
**Supersedes Date:** 21-Feb-2019

**Revision date** 24-Mar-2020  
**Revision Number** 3.01

---

**Key literature references and sources for data**

No information available

**Prepared By** Product Safety & Regulatory Affairs

**Revision date** 24-Mar-2020

**Indication of changes**

**Revision note** SDS sections updated, 15.

**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**