



# 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

**BOSTIK BORN2BOND STRUCTURAL PART B**  
**Supersedes Date:** 25-Feb-2022

**Revision date** 07-Apr-2022  
**Revision Number** 2.01

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

### 1.1. Product identifier

**Product Name** BOSTIK BORN2BOND STRUCTURAL PART B  
**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 Limited  
Common Rd  
ST16 3EH  
Stafford UK  
Tel: +44 (1785) 27 26 25  
Fax: +44 (1785) 25 72 36

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

### 1.4. Emergency telephone number

**Emergency Telephone** Tel: +34 611428953  
**United Kingdom** +44 (1785) 272650  
**Ireland** **NPIC - National Poison Information Centre**  
Members of the Public: +353 (01) 8092166 (8.00 am to 10.00 pm - 7 days a week)  
Healthcare Professionals: +353 (01) 8092566 (24 hour service)  
**Europe** 112

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

Regulation (EC) No 1272/2008

|                                   |                      |
|-----------------------------------|----------------------|
| Serious eye damage/eye irritation | Category 2 - (H319)  |
| Skin sensitisation                | Category 1B - (H317) |
| Chronic aquatic toxicity          | Category 3 - (H412)  |

### 2.2. Label elements

Contains Propylidynetrimethanol, ethoxylated, esters with acrylic acid, 2-ethyl-2-[[[(1-oxoallyl)oxy]methyl]-1,3-propanediyl diacrylate, tert-butyl perbenzoate

# SAFETY DATA SHEET

BOSTIK BORN2BOND STRUCTURAL PART B  
Supersedes Date: 25-Feb-2022

Revision date 07-Apr-2022  
Revision Number 2.01



**Signal word**  
Warning

## Hazard statements

H317 - May cause an allergic skin reaction.  
H319 - Causes serious eye irritation.  
H412 - Harmful to aquatic life with long lasting effects.

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

P261 - Avoid breathing vapours  
P280 - Wear protective gloves and eye/face protection  
P333 + P313 - If skin irritation or rash occurs: Get medical advice/attention  
P337 + P313 - If eye irritation persists: Get medical advice/attention  
P362 + P364 - Take off contaminated clothing and wash it before reuse  
P273 - Avoid release to the environment  
P501 - Dispose of contents/ container to an approved waste disposal plant

## Additional information

Please also refer to the SDS for the other component(s) of the kit. This product is part of a kit.

## 2.3. Other hazards

Toxic to aquatic life.

## PBT & vPvB

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

## 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 |
|--------------------------------------------------------------------------------------|-----------|------------|----------|-------------------------------------------------------------------------|------------------------------------|---------------------------|
| Propylidynetrimethanol, ethoxylated, esters with acrylic acid                        | 500-066-5 | 28961-43-5 | 40 - <80 | Eye Irrit. 2 (H319)<br>Skin Sens. 1B (H317)<br>Aquatic Chronic 3 (H412) | -                                  | 01-2119489900-30-XXXX     |
| 2-[4-(2-{4-[2-(prop-2-enoyloxy)ethoxy]phenyl}propan-2-yl)phenoxy]ethyl prop-2-enoate | 613-584-2 | 64401-02-1 | 15 - 25  | Aquatic Chronic 2 (H411)                                                | -                                  | 01-2119969511-34-xxxx     |
| 2-ethyl-2-[[[1-(oxoallyl)ox                                                          | 239-701-3 | 15625-89-5 | 0.1 - <1 | Skin Irrit. 2                                                           | -                                  | 01-2119489896-            |

# SAFETY DATA SHEET

BOSTIK BORN2BOND STRUCTURAL PART B  
Supersedes Date: 25-Feb-2022

Revision date 07-Apr-2022  
Revision Number 2.01

|                                      |           |          |          |                                                                                                                                                                 |   |                       |
|--------------------------------------|-----------|----------|----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|---|-----------------------|
| y]methyl]-1,3-propanediyl diacrylate |           |          |          | (H315)<br>Eye Irrit. 2<br>(H319)<br>Skin Sens. 1<br>(H317)                                                                                                      |   | 11-xxxx               |
| tert-butyl perbenzoate               | 210-382-2 | 614-45-9 | 0.1 - <1 | Skin Irrit. 2<br>(H315)<br>Skin Sens. 1<br>(H317)<br>Acute Tox. 4<br>(H332)<br>Aquatic Acute 1<br>(H400)<br>Aquatic Chronic 3 (H412)<br>Org. Perox. C<br>(H242) | - | 01-2119513317-46-XXXX |

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

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

|                                    |                                                                                                                                                                                                                                                                                     |
|------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| General advice                     | Show this safety data sheet to the doctor in attendance.                                                                                                                                                                                                                            |
| Inhalation                         | Remove to fresh air.                                                                                                                                                                                                                                                                |
| Eye contact                        | 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. Keep eye wide open while rinsing. Do not rub affected area. Get medical attention if irritation develops and persists. |
| Skin contact                       | Wash with soap and water. May cause an allergic skin reaction. In the case of skin irritation or allergic reactions see a doctor.                                                                                                                                                   |
| Ingestion                          | Rinse mouth. Never give anything by mouth to an unconscious person. Do NOT induce vomiting. Call a doctor.                                                                                                                                                                          |
| Self-protection of the first aider | Avoid contact with skin, eyes or clothing. Wear personal protective clothing (see section 8).                                                                                                                                                                                       |

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

**Symptoms** Itching. Rashes. Hives. May cause redness and tearing of the eyes. Burning sensation.

### 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

# SAFETY DATA SHEET

BOSTIK BORN2BOND STRUCTURAL PART B  
Supersedes Date: 25-Feb-2022

Revision date 07-Apr-2022  
Revision Number 2.01

surrounding environment.

**Unsuitable extinguishing media** No information available.

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

**Specific hazards arising from the chemical** Product is or contains a sensitiser. May cause sensitisation by skin contact.

**Hazardous combustion products** Carbon oxides. Silicon dioxide. Thermal decomposition can lead to release of irritating gases and vapours.

## **5.3. Advice for firefighters**

**Special protective equipment and precautions for fire-fighters** Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.

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

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

**Personal precautions** Avoid contact with skin, eyes or clothing. Ensure adequate ventilation. Use personal protective equipment as required. Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak.

**Other information** Refer to protective measures listed in Sections 7 and 8.

**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** Prevent further leakage or spillage if safe to do so.

**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** Please also refer to the SDS for the other component(s) of the kit. This product is part of a kit. Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Ensure adequate ventilation. In case of insufficient ventilation, wear suitable respiratory equipment. Do not eat, drink or smoke when using this product. Take off contaminated clothing and wash it before reuse.

**General hygiene considerations** Avoid contact with skin, eyes or clothing. Wear suitable gloves and eye/face protection. Do not eat, drink or smoke when using this product.

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

**Storage Conditions** Keep containers tightly closed in a dry, cool and well-ventilated place. Store locked up. Keep out of the reach of children.

# SAFETY DATA SHEET

BOSTIK BORN2BOND STRUCTURAL PART B  
Supersedes Date: 25-Feb-2022

Revision date 07-Apr-2022  
Revision Number 2.01

## 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** This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies

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

| Derived No Effect Level (DNEL)                                             |                |                                |               |
|----------------------------------------------------------------------------|----------------|--------------------------------|---------------|
| Propylidynetrimethanol, ethoxylated, esters with acrylic acid (28961-43-5) |                |                                |               |
| Type                                                                       | Exposure route | Derived No Effect Level (DNEL) | Safety factor |
| worker<br>Long term<br>Systemic health effects                             | Inhalation     | 16.2 mg/m <sup>3</sup>         |               |
| worker<br>Long term<br>Systemic health effects                             | Dermal         | 0.8 mg/kg bw/d                 |               |

| 2-[4-(2-{ 4-[2-(prop-2-enoyloxy)ethoxy]phenyl} propan-2-yl)phenoxy]ethyl prop-2-enoate (64401-02-1) |                |                                |               |
|-----------------------------------------------------------------------------------------------------|----------------|--------------------------------|---------------|
| Type                                                                                                | Exposure route | Derived No Effect Level (DNEL) | Safety factor |
| worker<br>Long term<br>Systemic health effects                                                      | Inhalation     | 3.52 mg/m <sup>3</sup>         |               |
| worker<br>Long term<br>Systemic health effects                                                      | Dermal         | 2 mg/kg                        |               |

| tert-butyl perbenzoate (614-45-9)    |                |                                |               |
|--------------------------------------|----------------|--------------------------------|---------------|
| Type                                 | Exposure route | Derived No Effect Level (DNEL) | Safety factor |
| Long term<br>Systemic health effects | Inhalation     | 4 mg/m <sup>3</sup>            |               |
| Long term<br>Systemic health effects | Dermal         | 6.25 mg/kg bw/d                |               |

| Derived No Effect Level (DNEL)                                             |                |                                |               |
|----------------------------------------------------------------------------|----------------|--------------------------------|---------------|
| Propylidynetrimethanol, ethoxylated, esters with acrylic acid (28961-43-5) |                |                                |               |
| Type                                                                       | Exposure route | Derived No Effect Level (DNEL) | Safety factor |
| Consumer<br>Long term<br>Systemic health effects                           | Inhalation     | 4.9 mg/m <sup>3</sup>          |               |
| Consumer<br>Long term<br>Systemic health effects                           | Oral           | 1.4 mg/kg                      |               |

# SAFETY DATA SHEET

**BOSTIK BORN2BOND STRUCTURAL PART B**  
**Supersedes Date:** 25-Feb-2022

**Revision date** 07-Apr-2022  
**Revision Number** 2.01

|                                                  |        |                       |  |
|--------------------------------------------------|--------|-----------------------|--|
| Consumer<br>Long term<br>Systemic health effects | Dermal | 0.5 mg/m <sup>3</sup> |  |
|--------------------------------------------------|--------|-----------------------|--|

| 2-[4-(2-{ 4-[2-(prop-2-enoyloxy)ethoxy]phenyl} propan-2-yl)phenoxy]ethyl prop-2-enoate (64401-02-1) |                |                                |               |
|-----------------------------------------------------------------------------------------------------|----------------|--------------------------------|---------------|
| Type                                                                                                | Exposure route | Derived No Effect Level (DNEL) | Safety factor |
| Consumer<br>Long term<br>Systemic health effects                                                    | Inhalation     | 0.87 mg/m <sup>3</sup>         |               |
| Consumer<br>Long term<br>Systemic health effects                                                    | Oral           | 0.5 mg/m <sup>3</sup>          |               |
| Consumer<br>Long term<br>Systemic health effects                                                    | Dermal         | 1 mg/m <sup>3</sup>            |               |

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

| Predicted No Effect Concentration (PNEC)                                   |                                          |
|----------------------------------------------------------------------------|------------------------------------------|
| Propylidynetrimethanol, ethoxylated, esters with acrylic acid (28961-43-5) |                                          |
| Environmental compartment                                                  | Predicted No Effect Concentration (PNEC) |
| Freshwater                                                                 | 0.00195 mg/l                             |
| Marine water                                                               | 0.000195 mg/l                            |
| Freshwater - intermittent                                                  | 0.0195 mg/l                              |
| Freshwater sediment                                                        | 0.0082 mg/kg dry weight                  |
| Marine sediment                                                            | 0.00082 mg/kg dry weight                 |
| Sewage treatment plant                                                     | 10 mg/l                                  |
| Soil                                                                       | 0.00587 mg/kg dry weight                 |

| 2-[4-(2-{ 4-[2-(prop-2-enoyloxy)ethoxy]phenyl} propan-2-yl)phenoxy]ethyl prop-2-enoate (64401-02-1) |                                          |
|-----------------------------------------------------------------------------------------------------|------------------------------------------|
| Environmental compartment                                                                           | Predicted No Effect Concentration (PNEC) |
| Freshwater                                                                                          | 0.006 mg/l                               |
| Soil                                                                                                | 0.1208 mg/kg dry weight                  |
| Marine sediment                                                                                     | 0.06216 mg/kg dry weight                 |
| Sewage treatment plant                                                                              | 1.43 mg/l                                |

| tert-butyl perbenzoate (614-45-9) |                                          |
|-----------------------------------|------------------------------------------|
| Environmental compartment         | Predicted No Effect Concentration (PNEC) |
| Freshwater                        | 8.8 µg/l                                 |
| Marine water                      | 0.88 µg/l                                |
| Sewage treatment plant            | 0.6 mg/l                                 |
| Freshwater sediment               | 0.24 mg/kg dry weight                    |
| Soil                              | 0.043 mg/kg dry weight                   |

## 8.2. Exposure controls

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

### Personal protective equipment

**Eye/face protection** Tight sealing safety goggles.  
**Hand protection** Wear protective nitrile rubber gloves. Gloves must conform to standard EN 374  
**Skin and body protection** Suitable protective clothing.

**Environmental exposure controls** No information available.

## SECTION 9: Physical and chemical properties

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

**Physical state** Liquid

# SAFETY DATA SHEET

**BOSTIK BORN2BOND STRUCTURAL PART B**  
**Supersedes Date:** 25-Feb-2022

**Revision date** 07-Apr-2022  
**Revision Number** 2.01

|                                                |                              |                                                  |
|------------------------------------------------|------------------------------|--------------------------------------------------|
| <b>Appearance</b>                              | Liquid                       |                                                  |
| <b>Colour</b>                                  | Colourless                   |                                                  |
| <b>Odour</b>                                   | Characteristic.              |                                                  |
| <b>Odour threshold</b>                         | No information available     |                                                  |
| <b>Property</b>                                | <b>Values</b>                | <b>Remarks • Method</b>                          |
| <b>Melting point / freezing point</b>          | No data available            | None known                                       |
| <b>Initial boiling point and boiling range</b> | No data available            | None known                                       |
| <b>Flammability</b>                            | Not applicable for liquids . |                                                  |
| <b>Flammability Limit in Air</b>               |                              | None known                                       |
| <b>Upper flammability or explosive limits</b>  | No data available            |                                                  |
| <b>Lower flammability or explosive limits</b>  | No data available            |                                                  |
| <b>Flash point</b>                             | No data available            |                                                  |
| <b>Autoignition temperature</b>                | 460 °C                       | None known                                       |
| <b>Decomposition temperature</b>               |                              | None known                                       |
| <b>pH</b>                                      | No data available            | None known                                       |
| <b>pH (as aqueous solution)</b>                | No data available            | None known                                       |
| <b>Kinematic viscosity</b>                     | No data available            | None known                                       |
| <b>Dynamic viscosity</b>                       | No data available            |                                                  |
| None known                                     |                              | <b>Water solubility</b> No data available        |
| None known                                     |                              | <b>Solubility(ies)</b> No data available         |
| None known                                     |                              | <b>Partition coefficient</b> No data available   |
| None known                                     |                              | <b>Vapour pressure</b> No data available         |
| None known                                     |                              | <b>Relative density</b> No data available        |
|                                                |                              | <b>Bulk Density</b> No data available            |
|                                                |                              | <b>Density</b> No data available                 |
|                                                |                              | <b>Relative vapour density</b> No data available |
|                                                |                              | <b>Particle characteristics</b>                  |
|                                                |                              | <b>Particle Size</b> No information available    |
|                                                |                              | <b>Particle Size</b> No information available    |
|                                                |                              | <b>Distribution</b>                              |

## 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** No information available.

### 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

# SAFETY DATA SHEET

BOSTIK BORN2BOND STRUCTURAL PART B  
Supersedes Date: 25-Feb-2022

Revision date 07-Apr-2022  
Revision Number 2.01

**Possibility of hazardous reactions** None under normal processing.

## **10.4. Conditions to avoid**

**Conditions to avoid** None known based on information supplied.

## **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**

|                     |                                                                                                                                                                                                                                                                                                       |
|---------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Inhalation</b>   | Specific test data for the substance or mixture is not available. May cause irritation of respiratory tract.                                                                                                                                                                                          |
| <b>Eye contact</b>  | Specific test data for the substance or mixture is not available. Causes serious eye irritation. (based on components). May cause redness, itching, and pain.                                                                                                                                         |
| <b>Skin contact</b> | May cause sensitisation by skin contact. Specific test data for the substance or mixture is not available. Repeated or prolonged skin contact may cause allergic reactions with susceptible persons. (based on components). May cause irritation. Prolonged contact may cause redness and irritation. |
| <b>Ingestion</b>    | Specific test data for the substance or mixture is not available. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhoea.                                                                                                                                                    |

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

**Symptoms** Itching. Rashes. Hives. May cause redness and tearing of the eyes.

#### **Acute toxicity**

##### **Numerical measures of 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             |
|--------------------------------------------------------------------------------------|-------------------------------------|----------------------------------------|-----------------------------|
| Propylidynetrimethanol, ethoxylated, esters with acrylic acid                        | LD50 > 2000 mg/kg (Rattus)          | LD50 > 13 g/kg (Oryctolagus cuniculus) | -                           |
| 2-[4-(2-{4-[2-(prop-2-enoyloxy)ethoxy]phenyl}propan-2-yl)phenoxy]ethyl prop-2-enoate | LD50 >2000 mg/Kg (OECD 423)(Rattus) | LD50 >2000 mg/Kg OECD 402 (rattus)     | -                           |
| 2-ethyl-2-[[[(1-oxoallyl)oxy]methyl]-1,3-propanediyl diacrylate                      | = 5190 mg/kg ( Rattus )             | = 5000 mg/kg ( Oryctolagus cuniculus ) | -                           |
| tert-butyl perbenzoate                                                               | >2000 mg/kg (Rattus)                | = 3817 mg/kg ( Rabbit )                | 1.01 - 4.9 mg/L ( Rat ) 4 h |



# SAFETY DATA SHEET

BOSTIK BORN2BOND STRUCTURAL PART B  
Supersedes Date: 25-Feb-2022

Revision date 07-Apr-2022  
Revision Number 2.01

|  |            |  |  |
|--|------------|--|--|
|  | (OECD 423) |  |  |
|--|------------|--|--|

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

**Skin corrosion/irritation** May cause skin irritation.

Propylidynetrimehanol, ethoxylated, esters with acrylic acid (28961-43-5)

| Method                                                     | Species | Exposure route | Effective dose | Exposure time | Results      |
|------------------------------------------------------------|---------|----------------|----------------|---------------|--------------|
| OECD Test No. 404:<br>Acute Dermal<br>Irritation/Corrosion | Rabbit  | Dermal         |                |               | Non-irritant |

**Serious eye damage/eye irritation** Classification based on data available for ingredients. Causes serious eye irritation.

Propylidynetrimehanol, ethoxylated, esters with acrylic acid (28961-43-5)

| Method                                                  | Species | Exposure route | Effective dose | Exposure time | Results  |
|---------------------------------------------------------|---------|----------------|----------------|---------------|----------|
| OECD Test No. 405:<br>Acute Eye<br>Irritation/Corrosion | Rabbit  | eye            |                |               | Irritant |

**Respiratory or skin sensitisation** May cause sensitisation by skin contact.

Propylidynetrimehanol, ethoxylated, esters with acrylic acid (28961-43-5)

| Method                                                              | Species | Exposure route | Results     |
|---------------------------------------------------------------------|---------|----------------|-------------|
| OECD Test No. 429: Skin<br>Sensitisation: Local Lymph Node<br>Assay | Mouse   | Dermal         | Sensitizing |

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

Component Information

Propylidynetrimehanol, ethoxylated, esters with acrylic acid (28961-43-5)

| Method                                                        | Species        | Results       |
|---------------------------------------------------------------|----------------|---------------|
| OECD Test No. 474: Mammalian Erythrocyte<br>Micronucleus Test | Mouse, in vivo | 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.

**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

# SAFETY DATA SHEET

**BOSTIK BORN2BOND STRUCTURAL PART B**  
**Supersedes Date:** 25-Feb-2022

**Revision date** 07-Apr-2022  
**Revision Number** 2.01

**Endocrine disrupting properties** No information available.

## 11.2.2. Other information

**Other adverse effects** No information available.

**Note:** PC-ADH-8 Multi-component adhesives and sealants Please also refer to the SDS for the other component(s) of the kit This product is part of a kit

## SECTION 12: Ecological information

### 12.1. Toxicity

**Ecotoxicity** Toxic to aquatic life. Harmful to aquatic life with long lasting effects.

| Chemical name                                                                                   | Algae/aquatic plants                                      | Fish                               | Toxicity to microorganisms | Crustacea                                     | M-Factor | M-Factor (long-term) |
|-------------------------------------------------------------------------------------------------|-----------------------------------------------------------|------------------------------------|----------------------------|-----------------------------------------------|----------|----------------------|
| Propylidynetrimethanol, ethoxylated, esters with acrylic acid 28961-43-5                        | ErC50, 72 h (Desmodesmus subspicatus) 2.2 mg/l OECD 201   | LC50: =1.95mg/L (96h, Danio rerio) | -                          | EC50: 48 h 70.7 mg/l (Daphnia magna) OECD 202 | 1        | 1                    |
| 2-[4-(2-{4-[2-(prop-2-enoyloxy)ethoxy]phenyl}propan-2-yl)phenoxy]ethyl prop-2-enoate 64401-02-1 | -                                                         | -                                  | -                          | EL50, 48 h (Daphnia magna): 6 mg/l OECD 202   |          |                      |
| tert-butyl perbenzoate 614-45-9                                                                 | ErC50: 0.4mg/l (Pseudokirchneriella subcapitata) OECD 201 | LC50: =1.6mg/L (96h, Danio rerio)  | -                          | EC50: 16 mg/l (Daphnia magna) OECD 202        |          |                      |

### 12.2. Persistence and degradability

**Persistence and degradability** No information available.

### 12.3. Bioaccumulative potential

**Bioaccumulation**

#### Component Information

| Chemical name                                                                        | Partition coefficient |
|--------------------------------------------------------------------------------------|-----------------------|
| Propylidynetrimethanol, ethoxylated, esters with acrylic acid                        | 2.89                  |
| 2-[4-(2-{4-[2-(prop-2-enoyloxy)ethoxy]phenyl}propan-2-yl)phenoxy]ethyl prop-2-enoate | 3.66                  |
| tert-butyl perbenzoate                                                               | 3                     |

### 12.4. Mobility in soil

**Mobility in soil** No information available.

### 12.5. Results of PBT and vPvB assessment

**PBT and vPvB assessment**

| Chemical name                                                   | PBT and vPvB assessment         |
|-----------------------------------------------------------------|---------------------------------|
| Propylidynetrimethanol, ethoxylated, esters with acrylic acid   | The substance is not PBT / vPvB |
| 2-ethyl-2-[[[(1-oxoallyl)oxy]methyl]-1,3-propanediyl diacrylate | The substance is not PBT / vPvB |
| tert-butyl perbenzoate                                          | The substance is not PBT / vPvB |

### 12.6. Endocrine disrupting properties

# SAFETY DATA SHEET

BOSTIK BORN2BOND STRUCTURAL PART B  
Supersedes Date: 25-Feb-2022

Revision date 07-Apr-2022  
Revision Number 2.01

Endocrine disrupting properties No information available.

## 12.7. Other adverse effects

No information available.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

|                                     |                                                                                                                 |
|-------------------------------------|-----------------------------------------------------------------------------------------------------------------|
| Waste from residues/unused products | Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation. |
| Contaminated packaging              | Do not reuse empty containers.                                                                                  |
| Other information                   | Waste codes should be assigned by the user based on the application for which the product was used.             |

## SECTION 14: Transport information

### Land transport (ADR/RID)

|                                 |                |
|---------------------------------|----------------|
| 14.1 UN number 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  |
| 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.

# SAFETY DATA SHEET

**BOSTIK BORN2BOND STRUCTURAL PART B**  
**Supersedes Date:** 25-Feb-2022

**Revision date** 07-Apr-2022  
**Revision Number** 2.01

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 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 |
|-----------------------------------------------------------------|------------|-------------------------------------------|
| 2-ethyl-2-[[[(1-oxoallyl)oxy]methyl]-1,3-propanediyl diacrylate | 15625-89-5 |                                           |

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

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

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

Not applicable

### **Persistent Organic Pollutants**

Not applicable

## **National regulations**

### **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**

H242 - Heating may cause a fire  
H315 - Causes skin irritation  
H317 - May cause an allergic skin reaction  
H319 - Causes serious eye irritation  
H332 - Harmful if inhaled  
H400 - Very toxic to aquatic life  
H411 - Toxic to aquatic life with long lasting effects  
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        |

# SAFETY DATA SHEET

**BOSTIK BORN2BOND STRUCTURAL PART B**  
**Supersedes Date:** 25-Feb-2022

**Revision date** 07-Apr-2022  
**Revision Number** 2.01

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|         |                                                                                     |
|---------|-------------------------------------------------------------------------------------|
| STOT SE | Specific target organ toxicity - Single exposure                                    |
| EWC     | European Waste Catalogue                                                            |
| ADR     | European Agreement concerning the International Carriage of Dangerous Goods by Road |
| IMDG    | International Maritime Dangerous Goods (IMDG)                                       |
| IATA    | International Air Transport Association (IATA)                                      |
| RID     | Regulations concerning the International Transport of Dangerous Goods by Rail       |

## Key literature references and sources for data

No information available

**Prepared By** Product Safety & Regulatory Affairs

**Revision date** 07-Apr-2022

## Indication of changes

**Revision note** First time release.

**Training Advice** No information available

**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**