

**BOSTIK FAST-TACK PERMANENT SPRAY ADHESIVE**  
 Supersedes Date: 04-Nov-2019

**Revision date** 24-Apr-2020  
**Revision Number** 1.07

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

### 1.1. Product Identifier

**Product Name** BOSTIK FAST-TACK PERMANENT SPRAY ADHESIVE  
**Pure substance/mixture** Mixture

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

**Recommended use** Aerosol. Adhesives and/or sealants.  
**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

**United Kingdom** +44 (1785) 272650  
**Ireland** +353 (1) 8624900 (Monday- Friday 9am-5pm)

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

Regulation (EC) No 1272/2008

|                                                  |                           |
|--------------------------------------------------|---------------------------|
| Aspiration hazard                                | Category 1 - (H304)       |
| Skin corrosion/irritation                        | Category 2 - (H315)       |
| Serious eye damage/eye irritation                | Category 2 - (H319)       |
| Specific target organ toxicity (single exposure) | Category 3 - (H336)       |
| Chronic aquatic toxicity                         | Category 3 - (H412)       |
| aerosols                                         | Category 1 - (H222, H229) |

### 2.2. Label Elements

Contains: Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics, Hydrocarbons, C6, isoalkanes, <5% n-hexane, Acetone



**Signal word**  
 DANGER

# SAFETY DATA SHEET

**BOSTIK FAST-TACK PERMANENT SPRAY ADHESIVE**  
**Supersedes Date:** 04-Nov-2019

**Revision date** 24-Apr-2020  
**Revision Number** 1.07

## Hazard statements

H222 - Extremely flammable aerosol.  
H229 - Pressurised container: May burst if heated.  
H304 - May be fatal if swallowed and enters airways.  
H315 - Causes skin irritation.  
H319 - Causes serious eye irritation.  
H336 - May cause drowsiness or dizziness.  
H412 - Harmful to aquatic life with long lasting effects.

## Precautionary statements

P101 - If medical advice is needed, have product container or label at hand.  
P102 - Keep out of reach of children.  
P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
P211 - Do not spray on an open flame or other ignition source.  
P251 - Do not pierce or burn, even after use.  
P271 - Use only outdoors or in a well-ventilated area.  
P273 - Avoid release to the environment.  
P280 - Wear protective gloves and eye/face protection.  
P301 + P310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor.  
P331 - Do NOT induce vomiting.  
P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P405 - Store locked up.  
P410 + P412 - Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.  
P501 - Dispose of contents/ container to an approved waste disposal plant.

## Additional information

Placed on the market in aerosol containers or in containers fitted with a sealed spray attachment.

## 2.3. Other Hazards

In use may form flammable/explosive vapour-air mixture

## 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

Mixture

### 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 |
|--------------------------------------------------|-----------|---------|----------|-------------------------------------------------------------------|------------------------------------|---------------------------|
| Acetone                                          | 200-662-2 | 67-64-1 | 15 - 25  | Eye Irrit. 2 (H319) (EUH066) STOT SE 3 (H336) Flam. Liq. 2 (H225) |                                    | 01-2119471330-49-XXXX     |
| Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics | 927-510-4 | --      | 10 - <20 | STOT SE 3 (H336) Asp. Tox. 1                                      |                                    | 01-2119475515-33-xxxx     |

# SAFETY DATA SHEET

**BOSTIK FAST-TACK PERMANENT SPRAY ADHESIVE**  
**Supersedes Date:** 04-Nov-2019

**Revision date** 24-Apr-2020  
**Revision Number** 1.07

|                                                  |           |    |         |                                                                                                                                             |  |                           |
|--------------------------------------------------|-----------|----|---------|---------------------------------------------------------------------------------------------------------------------------------------------|--|---------------------------|
|                                                  |           |    |         | (H304)<br>Skin Irrit. 2<br>(H315)<br>Aquatic Chronic<br>2 (H411)<br>Flam. Liq. 2<br>(H225)                                                  |  |                           |
| Hydrocarbons, C6,<br>isoalkanes, <5%<br>n-hexane | 931-254-9 | -- | 5 - <10 | STOT SE 3<br>(H336)<br>Asp. Tox. 1<br>(H304)<br>Skin Irrit. 2<br>(H315)<br>Aquatic Chronic<br>2 (H411)<br>Flam Liq. 2<br>(H225)<br>(EUH066) |  | 01-2119484651-<br>34-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>                     | Show this safety data sheet to the doctor in attendance. Immediate medical attention is required.                                                                                                                                                                                                                                                                                                    |
| <b>Inhalation</b>                         | Remove to fresh air. Aspiration into lungs can produce severe lung damage. If breathing has stopped, give artificial respiration. Get medical attention immediately. Avoid direct contact with skin. Use barrier to give mouth-to-mouth resuscitation. If breathing is difficult, (trained personnel should) give oxygen. Get immediate medical advice/attention. Delayed pulmonary edema may occur. |
| <b>Eye contact</b>                        | Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Keep eye wide open while rinsing. Remove contact lenses, if present and easy to do. Continue rinsing. Consult an ophthalmologist. Do not rub affected area. Get medical attention if irritation develops and persists.                                                                                      |
| <b>Skin contact</b>                       | Wash off immediately with soap and plenty of water for at least 15 minutes. Get medical attention if irritation develops and persists.                                                                                                                                                                                                                                                               |
| <b>Ingestion</b>                          | Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Clean mouth with water. Drink 1 or 2 glasses of water. Aspiration hazard if swallowed - can enter lungs and cause damage. If vomiting occurs spontaneously, keep head below hips to prevent aspiration. Get immediate medical advice/attention.                                                                       |
| <b>Self-protection of the first aider</b> | Ensure that medical personnel are aware of the material(s) involved, take precautions to protect themselves and prevent spread of contamination. Avoid direct contact with skin. Use barrier to give mouth-to-mouth resuscitation. Use personal protective equipment as required. Avoid contact with skin, eyes or clothing.                                                                         |

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

# SAFETY DATA SHEET

**BOSTIK FAST-TACK PERMANENT SPRAY ADHESIVE**  
Supersedes Date: 04-Nov-2019

Revision date 24-Apr-2020  
Revision Number 1.07

**Symptoms** Difficulty in breathing. Coughing and/ or wheezing. Dizziness. Burning sensation. Inhalation of high vapour concentrations may cause symptoms like headache, dizziness, tiredness, nausea and vomiting.

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

**Note to doctors** Because of the danger of aspiration, emesis or gastric lavage should not be used unless the risk is justified by the presence of additional toxic substances.

## **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. Do not scatter spilled material with high pressure water streams.

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

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

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

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

**Special protective equipment 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** Use personal protective equipment as required. Ensure adequate ventilation. Evacuate personnel to safe areas. Avoid contact with skin, eyes or clothing.

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

### **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** Eliminate all ignition sources if safe to do so.

### **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**

# SAFETY DATA SHEET

BOSTIK FAST-TACK PERMANENT SPRAY ADHESIVE  
Supersedes Date: 04-Nov-2019

Revision date 24-Apr-2020  
Revision Number 1.07

## 7.1. Precautions for safe handling

**Advice on safe handling** Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Do not eat, drink or smoke when using this product. Ensure adequate ventilation. Avoid breathing vapours or mists. In case of insufficient ventilation, wear suitable respiratory equipment.

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

## 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. Store away from other materials.

## 7.3. Specific end use(s)

**Specific Use(s)**  
Aerosol. Adhesives and/or sealants.

**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

| Chemical name                                                 | European Union                              | Ireland                                                                                       | United Kingdom                                                                                 |
|---------------------------------------------------------------|---------------------------------------------|-----------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|
| Petroleum gases, liquefied <0.1% w/w 1,3 Butadiene 68476-85-7 | -                                           | -                                                                                             | TWA: 1000 ppm<br>TWA: 1750 mg/m <sup>3</sup><br>STEL: 1250 ppm<br>STEL: 2180 mg/m <sup>3</sup> |
| Acetone 67-64-1                                               | TWA: 500 ppm<br>TWA: 1210 mg/m <sup>3</sup> | TWA: 500 ppm<br>TWA: 1210 mg/m <sup>3</sup><br>STEL: 1500 ppm<br>STEL: 3630 mg/m <sup>3</sup> | TWA: 500 ppm<br>TWA: 1210 mg/m <sup>3</sup><br>STEL: 1500 ppm<br>STEL: 3620 mg/m <sup>3</sup>  |

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

#### Derived No Effect Level (DNEL)

##### Acetone (67-64-1)

|                                |                                          |
|--------------------------------|------------------------------------------|
| Type                           | Long term Systemic health effects worker |
| Exposure route                 | Dermal                                   |
| Derived No Effect Level (DNEL) | 186 mg/kg bw/d                           |

|                                |                                        |
|--------------------------------|----------------------------------------|
| Type                           | Short term Local health effects worker |
| Exposure route                 | Inhalation                             |
| Derived No Effect Level (DNEL) | 2420 mg/m <sup>3</sup>                 |

|                                |                                          |
|--------------------------------|------------------------------------------|
| Type                           | Long term Systemic health effects worker |
| Exposure route                 | Inhalation                               |
| Derived No Effect Level (DNEL) | 1210 mg/m <sup>3</sup>                   |

#### Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics (--

# SAFETY DATA SHEET

**BOSTIK FAST-TACK PERMANENT SPRAY ADHESIVE**  
**Supersedes Date:** 04-Nov-2019

**Revision date** 24-Apr-2020  
**Revision Number** 1.07

|                                |                                          |
|--------------------------------|------------------------------------------|
| Type                           | worker Long term Systemic health effects |
| Exposure route                 | Inhalation                               |
| Derived No Effect Level (DNEL) | 2085 mg/m <sup>3</sup>                   |

|                                |                                          |
|--------------------------------|------------------------------------------|
| Type                           | worker Long term Systemic health effects |
| Exposure route                 | Dermal                                   |
| Derived No Effect Level (DNEL) | 300 mg/kg bw/d                           |

|                                       |                                            |
|---------------------------------------|--------------------------------------------|
| <b>Derived No Effect Level (DNEL)</b> |                                            |
| <b>Acetone (67-64-1)</b>              |                                            |
| Type                                  | Consumer Long term Systemic health effects |
| Exposure route                        | Inhalation                                 |
| Derived No Effect Level (DNEL)        | 200 mg/m <sup>3</sup>                      |

|                                |                                            |
|--------------------------------|--------------------------------------------|
| Type                           | Consumer Long term Systemic health effects |
| Exposure route                 | Dermal                                     |
| Derived No Effect Level (DNEL) | 62 mg/kg bw/d                              |

|                                |                                            |
|--------------------------------|--------------------------------------------|
| Type                           | Consumer Long term Systemic health effects |
| Exposure route                 | Oral                                       |
| Derived No Effect Level (DNEL) | 62 mg/kg bw/d                              |

|                                                              |                                            |
|--------------------------------------------------------------|--------------------------------------------|
| <b>Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics (--)</b> |                                            |
| Type                                                         | Consumer Long term Systemic health effects |
| Exposure route                                               | Inhalation                                 |
| Derived No Effect Level (DNEL)                               | 447 mg/m <sup>3</sup>                      |

|                                |                                            |
|--------------------------------|--------------------------------------------|
| Type                           | Consumer Long term Systemic health effects |
| Exposure route                 | Dermal                                     |
| Derived No Effect Level (DNEL) | 149 mg/kg bw/d                             |

|                                |                                            |
|--------------------------------|--------------------------------------------|
| Type                           | Consumer Long term Systemic health effects |
| Exposure route                 | Oral                                       |
| Derived No Effect Level (DNEL) | 149 mg/kg bw/d                             |

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

|                                                 |                                          |
|-------------------------------------------------|------------------------------------------|
| <b>Predicted No Effect Concentration (PNEC)</b> |                                          |
| <b>Acetone (67-64-1)</b>                        |                                          |
| Environmental compartment                       | Predicted No Effect Concentration (PNEC) |
| Freshwater                                      | 10.6 mg/l                                |
| Freshwater - intermittent                       | 21 mg/l                                  |
| Marine water                                    | 1.06 mg/l                                |
| Microorganisms in sewage treatment              | 100 mg/l                                 |
| Freshwater sediment                             | 30.4 mg/kg dry weight                    |
| Marine water                                    | 3.04 mg/kg dry weight                    |
| Soil                                            | 29.5 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. Face protection shield. Eye protection must conform to standard EN 166

# SAFETY DATA SHEET

BOSTIK FAST-TACK PERMANENT SPRAY ADHESIVE  
Supersedes Date: 04-Nov-2019

Revision date 24-Apr-2020  
Revision Number 1.07

|                                 |                                                                                                                                                                                                                                                                                                                                                                                            |
|---------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Hand protection</b>          | Wear suitable gloves. Recommended Use: Butyl rubber. Nitrile 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> | Antistatic footwear. Wear fire/flamm resistant/retardant clothing. Gloves made of plastic or rubber. Suitable protective clothing.                                                                                                                                                                                                                                                         |
| <b>Respiratory protection</b>   | In case of insufficient ventilation, wear suitable respiratory equipment.                                                                                                                                                                                                                                                                                                                  |
| <b>Recommended filter type:</b> | Wear a respirator conforming to EN 140 with Type A filter or better. Organic gases and vapours filter conforming to EN 14387: 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

|                        |                          |
|------------------------|--------------------------|
| <b>Physical state</b>  | Aerosol                  |
| <b>Appearance</b>      | Aerosol                  |
| <b>Colour</b>          | No information available |
| <b>Odour</b>           | Characteristic           |
| <b>Odour threshold</b> | No information available |

| <u>Property</u>                               | <u>Values</u>     | <u>Remarks • Method</u> |
|-----------------------------------------------|-------------------|-------------------------|
| <b>pH</b>                                     | No data available |                         |
| <b>Melting point / freezing point</b>         | No data available |                         |
| <b>Boiling point / boiling range</b>          | -40 °C            |                         |
| <b>Flash point</b>                            | -60 °C            |                         |
| <b>Evaporation rate</b>                       | No data available |                         |
| <b>Flammability (solid, gas)</b>              | No data available |                         |
| <b>Flammability Limit in Air</b>              |                   |                         |
| <b>Upper flammability or explosive limits</b> | No data available |                         |
| <b>Lower flammability or explosive limits</b> | No data available |                         |
| <b>Vapour pressure</b>                        | No data available |                         |
| <b>Vapour density</b>                         | No data available |                         |
| <b>Relative density</b>                       | No data available |                         |
| <b>Water solubility</b>                       | No data available |                         |
| <b>Solubility(ies)</b>                        | No data available |                         |
| <b>Partition coefficient</b>                  | No data available |                         |
| <b>Autoignition temperature</b>               | No data available |                         |
| <b>Decomposition temperature</b>              | No data available |                         |
| <b>Kinematic viscosity</b>                    | No data available |                         |
| <b>Dynamic viscosity</b>                      | No data available |                         |
| <b>Explosive properties</b>                   | No data available |                         |
| <b>Oxidising properties</b>                   | No data available |                         |

### 9.2. Other information

|                          |                          |
|--------------------------|--------------------------|
| <b>Solid content (%)</b> | No information available |
| <b>VOC Content (%)</b>   | No information available |
| <b>Density</b>           | No information available |

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

|                   |                           |
|-------------------|---------------------------|
| <b>Reactivity</b> | No information available. |
|-------------------|---------------------------|

### 10.2. Chemical stability

# SAFETY DATA SHEET

BOSTIK FAST-TACK PERMANENT SPRAY ADHESIVE  
Supersedes Date: 04-Nov-2019

Revision date 24-Apr-2020  
Revision Number 1.07

**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** None known based on information supplied.

## **10.5. Incompatible materials**

**Incompatible materials** Strong acids. Strong bases. Strong oxidising agents.

## **10.6. Hazardous decomposition products**

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

## **SECTION 11: Toxicological information**

### **11.1. Information on toxicological effects**

#### **Information on likely routes of exposure**

##### **Product Information**

**Inhalation** Specific test data for the substance or mixture is not available. Aspiration into lungs can produce severe lung damage. May cause pulmonary edema. Pulmonary edema can be fatal. May cause irritation of respiratory tract. May cause drowsiness or dizziness.

**Eye contact** Specific test data for the substance or mixture is not available. Irritating to eyes. Causes serious eye irritation.

**Skin contact** Repeated exposure may cause skin dryness or cracking. Causes skin irritation.

**Ingestion** Specific test data for the substance or mixture is not available. Potential for aspiration if swallowed. May cause lung damage if swallowed. Aspiration may cause pulmonary edema and pneumonitis. May be fatal if swallowed and enters airways. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhoea.

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

**Symptoms** Difficulty in breathing. Coughing and/ or wheezing. Dizziness. Redness. May cause redness and tearing of the eyes. Inhalation of high vapour concentrations may cause symptoms like headache, dizziness, tiredness, nausea and vomiting.

#### **Numerical measures of toxicity**

##### **Acute Toxicity**

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

# SAFETY DATA SHEET

**BOSTIK FAST-TACK PERMANENT SPRAY ADHESIVE**  
**Supersedes Date:** 04-Nov-2019

**Revision date** 24-Apr-2020  
**Revision Number** 1.07

## Component Information

| Chemical name                                             | Oral LD50             | Dermal LD50                                     | Inhalation LC50                                     |
|-----------------------------------------------------------|-----------------------|-------------------------------------------------|-----------------------------------------------------|
| Acetone<br>67-64-1                                        | =5800 mg/kg (Rattus)  | >15800 mg/Kg (Rattus)                           | =79 mg/l(Rattus) 4 h                                |
| Hydrocarbons, C7, n-alkanes,<br>isoalkanes, cyclics<br>-- | LD50 >5840 mg/kg Rat  | LD50 >2920 mg/kg (Rattus)                       | LC50 >23.3 mg/L (4h)(Rat,<br>vapour)<br>(OECD 403)  |
| Hydrocarbons, C6, isoalkanes,<br><5% n-hexane<br>--       | >16750 mg/Kg (Rattus) | >3350 mg/Kg (Oryctolagus<br>cuniculus) OECD 402 | 259354 mg/m <sup>3</sup> (vapour) (rat<br>OECD 403) |

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

**Skin corrosion/irritation** Classification based on data available for ingredients. Causes skin irritation.

**Serious eye damage/eye irritation** Causes serious eye irritation.

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

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

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

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

**STOT - single exposure** May cause drowsiness or dizziness.

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

**Aspiration hazard** May be fatal if swallowed and enters airways.

## SECTION 12: Ecological information

### 12.1. Toxicity

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

| Chemical name                                                | Algae/aquatic plants                                             | Fish                                                          | Toxicity to Micro-organisms | Crustacea                                                 | M-Factor | M-Factor (long-term) |
|--------------------------------------------------------------|------------------------------------------------------------------|---------------------------------------------------------------|-----------------------------|-----------------------------------------------------------|----------|----------------------|
| Acetone<br>67-64-1                                           | -                                                                | LC50 96 h 4.74<br>- 6.33 mL/L<br>(Oncorhynchus mykiss)        | EC50 = 14500<br>mg/L 15 min | EC50 48 h<br>10294 - 17704<br>mg/L (Daphnia magna Static) |          |                      |
| Hydrocarbons, C7,<br>n-alkanes, isoalkanes,<br>cyclics<br>-- | ErL50 (72h) =<br>10-30 mg/L<br>(Pseudokirchneriella subcapitata) | LL50 (96h)<br>>13.4 mg/L<br>(Oncorhynchus mykiss)<br>OECD 203 | -                           | EL50 (48h) =<br>3.0 mg/L<br>(Daphnia magna)               |          |                      |
| Hydrocarbons, C6,                                            | EL50 (72h) =                                                     | LL50 (96h) =                                                  | -                           | EL50 (48h)=                                               |          |                      |

# SAFETY DATA SHEET

BOSTIK FAST-TACK PERMANENT SPRAY ADHESIVE  
Supersedes Date: 04-Nov-2019

Revision date 24-Apr-2020  
Revision Number 1.07

|                                   |                                                       |                                        |  |                                 |  |  |
|-----------------------------------|-------------------------------------------------------|----------------------------------------|--|---------------------------------|--|--|
| isoalkanes, <5%<br>n-hexane<br>-- | 13.6 mg/l<br>(Pseudokirchner<br>iella<br>subcapitata) | 18.27 mg/l<br>(Oncorhynchus<br>mykiss) |  | 31.9 mg/l<br>(Daphnia<br>magna) |  |  |
|-----------------------------------|-------------------------------------------------------|----------------------------------------|--|---------------------------------|--|--|

## 12.2. Persistence and degradability

**Persistence and degradability** No information available.

| Component Information                                                               |               |       |                       |
|-------------------------------------------------------------------------------------|---------------|-------|-----------------------|
| Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics (--)                               |               |       |                       |
| Method                                                                              | Exposure time | Value | Results               |
| OECD Test No. 301F: Ready Biodegradability: Manometric Respirometry Test (TG 301 F) | 28 days       | 83%   | Readily biodegradable |

## 12.3. Bioaccumulative potential

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

### Component Information

| Chemical name                                       | Partition coefficient | Bioconcentration factor (BCF) |
|-----------------------------------------------------|-----------------------|-------------------------------|
| Acetone<br>67-64-1                                  | -0.24                 | 0.69                          |
| Hydrocarbons, C6, isoalkanes, <5%<br>n-hexane<br>-- | 3.6                   | 501                           |

## 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         |
|--------------------|---------------------------------|
| Acetone<br>67-64-1 | 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** Dispose of contents/container in accordance with local, regional, national, and international regulations as applicable.

**Contaminated packaging** Do not reuse empty containers. Handle contaminated packages in the same way as the product itself.

# SAFETY DATA SHEET

**BOSTIK FAST-TACK PERMANENT SPRAY ADHESIVE**  
**Supersedes Date:** 04-Nov-2019

**Revision date** 24-Apr-2020  
**Revision Number** 1.07

|                                                                |                                                                                                                                                                                                                              |
|----------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Waste codes / waste designations according to EWC / AVV</b> | 16 05 05 gases in pressure containers other than those mentioned in 16 05 04. Waste codes should be assigned by the user based on the application for which the product was used.                                            |
| <b>European Waste Catalogue</b>                                | 16 05 04* gases in pressure containers (including halons) containing dangerous substances<br>15 01 04 metallic packaging<br>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:** The shipping descriptions shown here are for bulk shipments only, and may not apply to shipments made in non-bulk packages (see regulatory definition). The information shown here, may not always agree with the bill of lading shipping description for the material.

### Land transport (ADR/RID)

|                                        |                          |
|----------------------------------------|--------------------------|
| <b>14.1 UN Number</b>                  | UN1950                   |
| <b>14.2 Proper Shipping Name</b>       | Aerosols                 |
| <b>14.3 Transport hazard class(es)</b> | 2                        |
| <b>Labels</b>                          | 2.1                      |
| <b>14.4 Packing Group</b>              | Not regulated            |
| <b>Description</b>                     | UN1950, Aerosols, 2, (D) |
| <b>14.5 Environmental hazards</b>      | Not applicable           |
| <b>14.6 Special Provisions</b>         | 190, 327, 344, 625       |
| <b>Classification Code</b>             | 5F                       |
| <b>Tunnel restriction code</b>         | (D)                      |
| <b>Limited Quantity (LQ)</b>           | 1 L                      |

### IMDG

|                                                                                      |                                 |
|--------------------------------------------------------------------------------------|---------------------------------|
| <b>14.1 UN number</b>                                                                | UN1950                          |
| <b>14.2 Proper Shipping Name</b>                                                     | Aerosols                        |
| <b>14.3 Transport hazard class(es)</b>                                               | 2.1                             |
| <b>14.4 Packing group</b>                                                            | Not regulated                   |
| <b>Description</b>                                                                   | UN1950, Aerosols, 2.1           |
| <b>14.5 Marine Pollutant</b>                                                         | Np                              |
| <b>14.6 Special Provisions</b>                                                       | 63,190, 277, 327, 344, 381, 959 |
| <b>Limited Quantity (LQ)</b>                                                         | See SP277                       |
| <b>EmS-No.</b>                                                                       | F-D, S-U                        |
| <b>14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code</b> | Not applicable                  |

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

|                                        |                                  |
|----------------------------------------|----------------------------------|
| <b>14.1 UN number</b>                  | UN1950                           |
| <b>14.2 Proper Shipping Name</b>       | Aerosols, flammable              |
| <b>14.3 Transport hazard class(es)</b> | 2.1                              |
| <b>14.4 Packing group</b>              | Not regulated                    |
| <b>Description</b>                     | UN1950, Aerosols, flammable, 2.1 |
| <b>14.5 Environmental hazards</b>      | Not applicable                   |
| <b>14.6 Special Provisions</b>         | A145, A167, A802                 |
| <b>Limited Quantity (LQ)</b>           | 30 kg G                          |
| <b>ERG Code</b>                        | 10L                              |

## Section 15: REGULATORY INFORMATION

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

# SAFETY DATA SHEET

**BOSTIK FAST-TACK PERMANENT SPRAY ADHESIVE**  
**Supersedes Date:** 04-Nov-2019

**Revision date** 24-Apr-2020  
**Revision Number** 1.07

## 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 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 |
|-------------------------------------------------------|------------|-------------------------------------------|
| Petroleum gases, liquefied $<0.1\%$ w/w 1,3 Butadiene | 68476-85-7 | 28.<br>29.                                |

### **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)

### **Dangerous substance category per Seveso Directive (2012/18/EU)**

P3a - FLAMMABLE AEROSOLS

### **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

EUH066 - Repeated exposure may cause skin dryness or cracking  
H225 - Highly flammable liquid and vapour  
H304 - May be fatal if swallowed and enters airways  
H315 - Causes skin irritation  
H319 - Causes serious eye irritation  
H336 - May cause drowsiness or dizziness  
H411 - Toxic to aquatic life with long lasting effects

# SAFETY DATA SHEET

**BOSTIK FAST-TACK PERMANENT SPRAY ADHESIVE**  
**Supersedes Date:** 04-Nov-2019

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## 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                                  |

## Key literature references and sources for data

No information available

**Prepared By** Product Safety & Regulatory Affairs

**Revision date** 24-Apr-2020

## Indication of changes

**Revision note** SDS sections updated: 1, 8.

**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**