



# SAFETY DATA SHEET

This safety data sheet was created pursuant to the requirements of: REACH Regulation (EC) No 1907/2006, as retained in UK law by (SI 2019/758 as amended)

**BOSTIK HOT MELT GLUE STICKS**  
**Supersedes date** 24-Sep-2024

**Revision date** 29-May-2025  
**Revision Number** 1.04

**This Safety Data Sheet is prepared voluntarily: it is not required according to Article 31 of Regulation (EC) No 1907/2006**

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

### 1.1. Product identifier

**Product Name** BOSTIK HOT MELT GLUE STICKS

**Pure substance/mixture** Mixture

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

**Recommended use** Hot-melt adhesives

**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** Bostik: +44 (1785) 272650 (9am to 5pm Mon-Fri)  
NHS: 111

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

**GB CLP (SI 2020/1567 as amended)**

This mixture is classified as not hazardous according to regulation (EC) 1272/2008 [CLP]

### 2.2. Label elements

This mixture is classified as not hazardous according to regulation (EC) 1272/2008 [CLP]

#### **Signal word**

None

#### **Hazard statements**

This mixture is classified as not hazardous according to regulation (EC) 1272/2008 [CLP]

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

P101 - If medical advice is needed, have product container or label at hand  
P102 - Keep out of reach of children

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## 2.3. Other hazards

Contact with product at elevated temperatures can result in thermal burns.

### **PBT & vPvB**

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

## **SECTION 3: Composition/information on ingredients**

### 3.1 Substances

Not applicable

### 3.2 Mixtures

The product contains no substances which at their given concentration, are considered to be hazardous to health

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

### Acute Toxicity Estimate

No information available

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. Show this safety data sheet to the doctor in attendance.                                                                                                                                                                                                                                                        |
| <b>Inhalation</b>     | <b>Molten</b> . Move to fresh air in case of accidental inhalation of vapours or decomposition products. <b>Solid:</b> . Not an expected route of exposure.                                                                                                                                                                                                                           |
| <b>Eye contact</b>    | <b>Molten</b> . Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Contact with molten materials requires immediate medical assistance. <b>Solid:</b> . Rinse eyes.                                                                                                                                                                             |
| <b>Skin contact</b>   | <b>Molten</b> . After contact with molten product, cool skin area rapidly with cold water. For severe burns, immediate medical attention is required. Do not remove clothing if adhering to skin. Do not try to remove solidified material from the skin. Removal of solidified molten material from skin requires medical assistance. <b>Solid:</b> . Wash skin with soap and water. |
| <b>Ingestion</b>      | Get immediate medical attention. Do not induce vomiting without medical advice.                                                                                                                                                                                                                                                                                                       |

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

**Symptoms** Contact with molten substance may cause severe burns to skin and eyes.

**Effects of Exposure** No information available.

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

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**Note to doctors** Burns caused by molten material must be treated clinically. Treat any burns as thermal burns, after decontamination.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

**Suitable Extinguishing Media** CO<sub>2</sub>, dry chemical, dry sand, alcohol-resistant foam. Water spray.

**Unsuitable extinguishing media** Do not use straight streams.

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

**Specific hazards arising from the chemical** The melted product can cause severe burns.

### 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 hot, molten product. Ensure adequate ventilation.

**Other information** Where possible allow molten material to solidify naturally.

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

### 6.2. Environmental precautions

**Environmental precautions** Do not flush into surface water or sanitary sewer system.

### 6.3. Methods and material for containment and cleaning up

**Methods for containment** Where possible allow molten material to solidify naturally. Prevent product from entering drains. Dyke to collect large liquid spills.

**Methods for cleaning up** **Molten** . Where possible allow molten material to solidify naturally. 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.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

**Advice on safe handling** Avoid contact with skin and eyes. If hot processing this material, ensure adequate ventilation and wear personal protective equipment. Use adequate ventilation and/or engineering controls in high temperature processing to prevent exposure to vapours. Facilities for quickly drenching the body should be provided within the immediate work area for emergency use where there is a possibility of exposure.

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**General hygiene considerations** Handle in accordance with good industrial hygiene and safety practice.

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

**Storage Conditions** Store in a cool, dry area away from potential sources of heat, open flames, sunlight or other chemicals.

**Recommended storage temperature** Keep at temperatures between 10 and 35 °C.

## 7.3. Specific end use(s)

**Specific use(s)**  
Hot-melt adhesives.

**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

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

### 8.2. Exposure controls

**Engineering controls** **Molten** . Ensure adequate ventilation, especially in confined areas. Vapours/aerosols must be exhausted directly at the point of origin.

#### **Personal protective equipment**

**Eye/face protection** Wear safety glasses with side shields (or goggles). Eyewash fountains should be provided in areas where there is any possibility that workers could be exposed to the substances; this is irrespective of the recommendation involving the wearing of eye protection.

**Hand protection** **Molten** . Heat resistant gloves are recommended when handling molten materials. **Solid:** . For operations where prolonged or repeated skin contact may occur, impervious gloves should be worn. Gloves must conform to standard EN 374

**Skin and body protection** Wear appropriate personal protective clothing to prevent skin contact.

**Environmental exposure controls** No information available.

## **SECTION 9: Physical and chemical properties**

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

**Physical state** Solid  
**Appearance** Glue sticks for glue guns  
**Colour** No information available  
**Odour** No information available.

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| <u>Property</u>                         | <u>Values</u>            | <u>Remarks • Method</u>             |
|-----------------------------------------|--------------------------|-------------------------------------|
| Melting point / freezing point          | > 75 °C                  |                                     |
| Initial boiling point and boiling range | No data available        | None known                          |
| Flammability                            | No data available        | None known                          |
| Flammability Limit in Air               |                          | None known                          |
| Upper flammability or explosive limits  | No data available        |                                     |
| Lower flammability or explosive limits  | No data available        |                                     |
| Flash point                             | > 200 °C                 |                                     |
| Autoignition temperature                | 200 °C                   |                                     |
| Decomposition temperature               |                          | None known                          |
| pH                                      | No data available        | Not applicable. Insoluble in water. |
| pH (as aqueous solution)                | No data available        | None known                          |
| Kinematic viscosity                     | No data available        | None known                          |
| Dynamic viscosity                       | No data available        |                                     |
| Water solubility                        | Insoluble in water.      |                                     |
| Solubility(ies)                         | No data available        | None known                          |
| Partition coefficient                   | No data available        | None known                          |
| Vapour pressure                         | No data available        | None known                          |
| Relative density                        | No data available        | None known                          |
| Bulk density                            | No data available        |                                     |
| Density                                 | No data available        |                                     |
| Relative vapour density                 | No data available        | None known                          |
| Particle characteristics                |                          |                                     |
| Particle Size                           | No information available |                                     |
| Particle Size Distribution              | No information available |                                     |

## 9.2. Other information

|                   |     |                   |
|-------------------|-----|-------------------|
| Solid content (%) | 100 |                   |
| VOC content       |     | No data available |

### *9.2.1. Information with regards to physical hazard classes*

Not applicable

### *9.2.2. Other safety characteristics*

No information available

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

### 10.1. Reactivity

Reactivity Stable under recommended storage conditions.

### 10.2. Chemical stability

Stability Stable under normal conditions.

#### Explosion data

|                                  |       |
|----------------------------------|-------|
| Sensitivity to mechanical impact | None. |
| Sensitivity to static discharge  | None. |

### 10.3. Possibility of hazardous reactions

Possibility of hazardous reactions None under normal processing.

### 10.4. Conditions to avoid

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**Conditions to avoid** Extremes of temperature and direct sunlight. To avoid thermal decomposition, do not overheat. Do not add water or other volatile material to molten adhesive. Under dusty conditions avoid all sources of ignition, including sparks and static electricity.

## 10.5. Incompatible materials

**Incompatible materials** None known based on information supplied.

## 10.6. Hazardous decomposition products

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

## **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>   | Based on available data, the classification criteria are not met. |
| <b>Eye contact</b>  | Based on available data, the classification criteria are not met. |
| <b>Skin contact</b> | Based on available data, the classification criteria are not met. |
| <b>Ingestion</b>    | Based on available data, the classification criteria are not met. |

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

**Symptoms** No information available.

#### Acute toxicity

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

The following ATE values have been calculated for the mixture

|                               |             |
|-------------------------------|-------------|
| ATEmix (oral)                 | >2000 mg/kg |
| ATEmix (dermal)               | >2000 mg/kg |
| ATEmix (inhalation-gas)       | >20000 ppm  |
| ATEmix (inhalation-dust/mist) | >5 mg/l     |
| ATEmix (inhalation-vapour)    | >20 mg/l    |

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

**Skin corrosion/irritation** Contact with molten substance may cause severe burns to skin and eyes.

**Serious eye damage/eye irritation** Contact with molten substance may cause severe burns to skin and eyes.

**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.

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

**STOT - single exposure** Thermal decomposition can lead to release of irritating gases and vapours.

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

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

## **11.2. Information on other hazards**

### **11.2.1. Endocrine disrupting properties**

**Endocrine disrupting properties** Based on available data, the classification criteria are not met.

### **11.2.2. Other information**

**Other adverse effects** No information available.

## **SECTION 12: Ecological information**

### **12.1. Toxicity**

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

### **12.2. Persistence and degradability**

**Persistence and degradability** No information available.

### **12.3. Bioaccumulative potential**

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

### **12.4. Mobility in soil**

**Mobility in soil** No information available.

### **12.5. Results of PBT and vPvB assessment**

**PBT and vPvB assessment** Based on available data, the classification criteria are not met.

### **12.6. Endocrine disrupting properties**

**Endocrine disrupting properties** Based on available data, the classification criteria are not met.

### **12.7. Other adverse effects**

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|                                                 |                                                                                                |
|-------------------------------------------------|------------------------------------------------------------------------------------------------|
| Other adverse effects<br>PMT or vPvM properties | No information available.<br>Based on available data, the classification criteria are not met. |
|-------------------------------------------------|------------------------------------------------------------------------------------------------|

## 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.                                                                                  |
| European Waste Catalogue            | 08 04 10 waste adhesives and sealants other than those mentioned in 08 04 09                                    |
| 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 UN 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 precautions for user |                |
| Special Provisions                | None           |

### IMDG

|                                                                    |                |
|--------------------------------------------------------------------|----------------|
| 14.1 UN number or ID number                                        | Not regulated  |
| 14.2 UN 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 precautions for user                                  |                |
| Special Provisions                                                 | None           |
| 14.7 Maritime transport in bulk according to IMO instruments       |                |
| Transport in bulk according to Annex II of MARPOL and the IBC Code | Not applicable |

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

|                                   |                |
|-----------------------------------|----------------|
| 14.1 UN number or ID number       | Not regulated  |
| 14.2 UN 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 precautions for user |                |
| 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, Authorisation, and Restriction of Chemicals (REACH) Regulation (EC 1907/2006)

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## **SVHC: Substances of Very High Concern for Authorisation:**

This product does not contain candidate substances of very high concern at a concentration  $\geq 0.1\%$  (Regulation (EC) No. 1907/2006 (REACH), Article 59)

## **EU-REACH (1907/2006) - Annex XVII - Substances subject to Restriction**

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

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

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

## **Export Notification requirements**

This product does not contain substances which are regulated pursuant to Regulation (EC) No. 649/2012 of the European parliament and of the council concerning the export and import of dangerous chemicals above the level that triggers a labeling obligation under Regulation (EC) No 1272/2008. Therefore this product is not subject to prior informed consent notification.

## **Ozone-depleting substances (ODS) regulation (EC) 2024/590**

Not applicable

## **Persistent Organic Pollutants**

Not applicable

## **REGULATION (EU) 2019/1148 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 20 June 2019 on the marketing and use of explosives precursors**

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**

#### **Legend**

|         |                                                                                     |
|---------|-------------------------------------------------------------------------------------|
| TWA     | TWA (time-weighted average)                                                         |
| STEL    | STEL (Short Term Exposure Limit)                                                    |
| Ceiling | Ceiling Limit Value                                                                 |
| Sk*     | 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                                                            |
| 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       |

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## Key literature references and sources for data

No information available

|                                     |                                     |
|-------------------------------------|-------------------------------------|
| <b>Prepared By</b>                  | Product Safety & Regulatory Affairs |
| <b>Revision date</b>                | 29-May-2025                         |
| <b><u>Indication of changes</u></b> |                                     |

|                            |                                                |
|----------------------------|------------------------------------------------|
| <b>Revision Note</b>       | SDS sections updated, 2, 3, 4, 5, 6, 7, 8, 10. |
| <b>Training Advice</b>     | No information available                       |
| <b>Further information</b> | No information available                       |

**This SDS complies with the requirements of UK REACH Regulations SI 2019/758 (as amended)**

## 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**