

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)

VITEL 1200B .F Supercedes date 21-Dec-2022 Revision date 20-Aug-2025 Revision Number 2.01

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 VITEL 1200B .F

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]

2.3. Other hazards

United Kingdom - BE Page 1 / 10

VITEL 1200B .F Supercedes date 21-Dec-2022 Revision date 20-Aug-2025 Revision Number 2.01

Contact with product at elevated temperatures can result in thermal burns. Pellets: Extremely slippery when spilled.

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 >=0.1% (Regulation (EC) No. 1907/2006 (REACH), Article 59)

SECTION 4: First aid measures

4.1. Description of first aid measures

General advice If medical advice is needed, have product container or label at hand. Show this safety

data sheet to the doctor in attendance.

Inhalation Molten . Move to fresh air in case of accidental inhalation of vapours or decomposition

products. Solid: Not an expected route of exposure.

Eye contact Molten . In case of eye contact, immediately flush eyes with plenty of water for at least

15 minutes. Contact with molten materials requires immediate medical assistance. **Solid:** Pellets Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a doctor. Remove contact lenses, if present and easy to do.

Continue rinsing.

Skin contact Molten . 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. **Solid:** Wash skin with

soap and water.

Ingestion 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

United Kingdom - BE Page 2 / 10

VITEL 1200B.F

Supercedes date 21-Dec-2022

Revision date 20-Aug-2025 **Revision Number** 2.01

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

burns, after decontamination.

SECTION 5: Firefighting measures

5.1. Extinguishing media

CO2, dry chemical, dry sand, alcohol-resistant foam. Water spray. **Suitable Extinguishing Media**

Unsuitable extinguishing media Do not use straight streams.

5.2. Special hazards arising from the substance or mixture

chemical

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

5.3. Advice for firefighters

precautions for fire-fighters

Special protective equipment and 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

Avoid contact with hot, molten product. Ensure adequate ventilation. Pellets: Slippery, Personal precautions

can cause falls if walked on.

Other information Where possible allow molten material to solidify naturally.

Use personal protection recommended in Section 8. For emergency responders

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.

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

mechanically, placing in appropriate containers for disposal. Solid: . Sweep up and

shovel into suitable containers for disposal.

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

6.4. Reference to other sections

See section 8 for more information. Reference to other sections

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Avoid contact with skin and eyes. If hot processing this material, ensure adequate Advice on safe handling

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. Take precautionary

3 / 10 United Kingdom - BE Page

VITEL 1200B .F

Supercedes date 21-Dec-2022

Revision date 20-Aug-2025 Revision Number 2.01

measures against static discharges.

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)

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 Granules
Colour Light yellow

Odour No information available.

United Kingdom - BE Page 4 / 10

VITEL 1200B.F

Supercedes date 21-Dec-2022

Revision date 20-Aug-2025 **Revision Number** 2.01

Property Values Remarks • Method

Melting point / freezing point No data available None known Initial boiling point and boiling No data available None known

range

No data available Flammability None known None known

Flammability Limit in Air

Upper flammability or explosive No data available

limits

Lower flammability or explosive No data available

limits

Flash point > 200 °C No data available **Autoignition temperature** None known

Decomposition temperature None known

No data available Not applicable. Insoluble in water. No data available None known pH (as aqueous solution)

Kinematic viscosity No data available None known

Spindle A29 @ 1 rpm @ 245 °C Dynamic viscosity approx 120 Pa.s

Insoluble in water. Water solubility

Solubility(ies) No data available None known **Partition coefficient** No data available None known None known Vapour pressure No data available Relative density No data available None known

Bulk density No data available No data available Density

Relative vapour density No data available None known

Particle characteristics

No information available **Particle Size Particle Size Distribution** No information available

9.2. Other information

Solid content (%) 100

Softening point approx 163 °C

No data available **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

No information available. Reactivity

10.2. Chemical stability

Stability Stable under normal conditions.

Explosion data

Sensitivity to mechanical None.

impact

Sensitivity to static discharge Fine dust dispersed in air, in sufficient concentrations, and in the presence of an ignition

source is a potential dust explosion hazard.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions None under normal processing.

United Kingdom - BE Page 5 / 10

VITEL 1200B.F

Supercedes date 21-Dec-2022

Revision date 20-Aug-2025 Revision Number 2.01

10.4. Conditions to avoid

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 materialsNone known based on information supplied.

10.6. Hazardous decomposition products

Hazardous decomposition

products

Carbon monoxide. Carbon dioxide (CO2). Hydrocarbons.

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Information on likely routes of exposure

Product Information

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

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

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

Ingestion 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/irritationContact 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.

United Kingdom - BE Page 6 / 10

VITEL 1200B .F Supercedes date 21-Dec-2022 Revision date 20-Aug-2025 Revision Number 2.01

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

Reproductive toxicityBased 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 exposureBased 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

Endocrine disruption for theBased on available data, the classification criteria are not met.

environment

United Kingdom - BE Page 7 / 10

VITEL 1200B.F

Revision date 20-Aug-2025 Supercedes date 21-Dec-2022 **Revision Number** 2.01

12.7. Other adverse effects Other adverse effects

No information available. Other adverse effects

PMT or vPvM properties 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 Not regulated 14.4 Packing group Not applicable 14.5 Environmental hazards

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

United Kingdom - BE Page 8 / 10

VITEL 1200B .F Supercedes date 21-Dec-2022 Revision date 20-Aug-2025 Revision Number 2.01

Registration, Evaluation, Authorisation, 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 >=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

Regulations on drug precursors (EC) No 111/2005 (export) and 273/2004 (internal trade)

This product does not contain any substance(s) on the Drug Precursors list.

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

United Kingdom - BE Page 9 / 10

VITEL 1200B .F

Supercedes date 21-Dec-2022

Revision date 20-Aug-2025

Revision Number 2.01

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

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Indication of changes

Revision Note SDS sections updated, 1, 9.
Training Advice No information available
Further information 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

United Kingdom - BE Page 10 / 10