

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

BOSTIK PENETRATION PRIMER Supercedes Date: 06-Sep-2022 Revision date 15-Aug-2023 Revision Number 1.05

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

1.1. Product identifier

Product Name BOSTIK PENETRATION PRIMER

Pure substance/mixture Mixture

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

Recommended use Primers

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)

| Specific target organ toxicity — single exposure | Category 3 - (H336) |
|--|---------------------|
| Specific target organ toxicity — repeated exposure | Category 1 - (H372) |
| Chronic aquatic toxicity | Category 2 - (H411) |
| Flammable liquids | Category 3 - (H226) |

2.2. Label elements

Contains Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)



United Kingdom - BE Page 1 / 12

BOSTIK PENETRATION PRIMER
Supercedes Date: 06-Sep-2022
Revision Number 1.05

Signal word

Danger

Hazard statements

H336 - May cause drowsiness or dizziness.

H372 - Causes damage to organs through prolonged or repeated exposure.

H411 - Toxic to aquatic life with long lasting effects.

H226 - Flammable liquid and vapour.

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

P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking

P260 - Do not breathe dust/fume/gas/mist/vapours/spray

P271 - Use only outdoors or in a well-ventilated area

P273 - Avoid release to the environment

P280 - Wear protective gloves and eye/face protection

P391 - Collect spillage

P403 + P235 - Store in a well-ventilated place. Keep cool

P405 - Store locked up

P501 - Dispose of contents/ container to an approved waste disposal plant

Additional information

This product requires child resistant fastenings if supplied to the general public. This product requires tactile warnings if supplied to the general public.

2.3. Other hazards

No information available.

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

| Chemical name | EC No (EU Index No) | CAS No | Weight-% | Classification according to Regulation (EC) No. 1272/2008 [CLP] | Specific concentration limit (SCL) | REACH registration number |
|---------------|------------------------|--------|----------|--|--|---------------------------------|
| Hydrocarbons | Listed | - | 40 - <80 | STOT SE 3 (H336) STOT RE 1 (H372) Asp. Tox. 1 (H304) Aquatic Chronic 2 (H411) Flam. Liq. 3 (H226) (EUH066) | - | 01-2119458049- 33-XXXX |

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

Substances identified by a number starting "RR-" in the CAS-field are substances for which the CAS# is not adopted in EU and

United Kingdom - BE Page 2 / 12

BOSTIK PENETRATION PRIMER
Supercedes Date: 06-Sep-2022
Revision Number 1.05

we use an internal numbering system to track within our SDS software

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 Show this safety data sheet to the doctor in attendance.

Inhalation Remove to fresh air. IF exposed or concerned: Get medical advice/attention.

Eye contact Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.

Keep eye wide open while rinsing. Do not rub affected area.

Skin contact Wash off immediately with soap and plenty of water while removing all contaminated

clothes and shoes.

Ingestion Do NOT induce vomiting. Rinse mouth. Never give anything by mouth to an unconscious

person. Call a doctor.

Self-protection of the first aider Remove all sources of ignition. Ensure that medical personnel are aware of the

material(s) involved, take precautions to protect themselves and prevent spread of contamination. Use personal protective equipment as required. See section 8 for more

information.

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

Symptoms 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 No information available.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable Extinguishing Media Dry chemical. Carbon dioxide (CO2). Water spray. Alcohol resistant foam.

Unsuitable extinguishing media Do not use straight streams. CAUTION: Use of water spray when fighting fire may be

inefficient.

5.2. Special hazards arising from the substance or mixture

Specific hazards arising from the

chemical

Risk of ignition. Keep product and empty container away from heat and sources of ignition. In the event of fire, cool tanks with water spray. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

Hazardous combustion products Carbon oxides.

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.

United Kingdom - BE Page 3 / 12

BOSTIK PENETRATION PRIMER
Supercedes Date: 06-Sep-2022
Revision Number 1.05

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions Evacuate personnel to safe areas. Use personal protective equipment as required. See

section 8 for more information. Avoid contact with skin, eyes or clothing. Ensure adequate ventilation. Keep people away from and upwind of spill/leak. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Pay attention to flashback. Take precautionary measures against static discharges. All equipment used when handling the product must be grounded. Do not touch or walk through spilled

material.

Other information Ventilate the area. 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 Refer to protective measures listed in Sections 7 and 8. Prevent further leakage or

spillage if safe to do so. Prevent product from entering drains.

6.3. Methods and material for containment and cleaning up

Methods for containment Stop leak if you can do it without risk. Do not touch or walk through spilled material. A

vapour suppressing foam may be used to reduce vapours. Dyke far ahead of spill to collect run-off water. Keep out of drains, sewers, ditches and waterways. Absorb with earth, sand or other non-combustible material and transfer to containers for later

disposal.

Methods for cleaning up Take precautionary measures against static discharges. Dam up. Soak up with inert

absorbent material. Pick up and transfer to properly labelled containers.

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

6.4. Reference to other sections

Reference to other sections See section 8 for more information. See section 13 for more information.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

vapours or mists. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Use grounding and bonding connection when transferring this material to prevent static discharge, fire or explosion. Use with local exhaust ventilation. Use spark-proof tools and explosion-proof equipment. Keep in an area equipped with sprinklers. Use according to package label instructions. Handle in accordance with good industrial hygiene and safety practice. In case of insufficient

ventilation, wear suitable respiratory equipment.

General hygiene considerations Do not eat, drink or smoke when using this product. Contaminated work clothing should

not be allowed out of the workplace. Regular cleaning of equipment, work area and clothing is recommended. Wash hands before breaks and immediately after handling the

product.

7.2. Conditions for safe storage, including any incompatibilities

Storage Conditions Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from

heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity). Keep in properly labelled containers. Do not store near combustible materials. Keep in an area equipped with sprinklers. Store in accordance with the

United Kingdom - BE Page 4/12

BOSTIK PENETRATION PRIMER Supercedes Date: 06-Sep-2022

Revision date 15-Aug-2023 Revision Number 1.05

particular national regulations. Store in accordance with local regulations.

7.3. Specific end use(s)

Specific use(s)

Primers.

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 | United Kingdom |
|----------------------|----------------|--------------------------------|
| Hydrocarbons | - | TWA: 350 mg/m ³ |
| Asphalt 8052-42-4 | - | TWA: 5 mg/m³ STEL: 10 mg/m³ |

Derived No Effect Level (DNEL) No information available

| Derived No Effect Level (DNEL) | | | | |
|--|----------------|--------------------------------|---------------|--|
| Hydrocarbons | | | | |
| Туре | Exposure route | Derived No Effect Level (DNEL) | Safety factor | |
| worker Long term Systemic health effects | Inhalation | 330 mg/m³ | | |
| worker Long term Systemic health effects | Dermal | 44 mg/kg bw/d | | |

| Derived No Effect Level (DN | EL) | | |
|--|----------------|--------------------------------|---------------|
| Hydrocarbons | • | | |
| Туре | Exposure route | Derived No Effect Level (DNEL) | Safety factor |
| Consumer Long term Systemic health effects | Inhalation | 71 mg/m³ | |
| Consumer Long term Systemic health effects | Dermal | 26 mg/kg bw/d | |
| Consumer Long term Systemic health effects | Oral | 26 mg/kg bw/d | |

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

8.2. Exposure controls

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

United Kingdom - BE Page 5/12

BOSTIK PENETRATION PRIMER Revision date 15-Aug-2023 Supercedes Date: 06-Sep-2022 **Revision Number** 1.05

Personal protective equipment

Eye/face protection

Tight sealing safety goggles.

Hand protection Wear protective gloves. Gloves must conform to standard EN 374. 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 of the gloves

depends on the material and the thickness as well as the temperature.

Skin and body protection Gloves made of plastic or rubber. Antistatic footwear. Wear fire/flame resistant/retardant

clothing.

Environmental exposure controls Local authorities should be advised if significant spillages cannot be contained. Do not

allow into any sewer, on the ground or into any body of water. Prevent product from

entering drains.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state Liquid **Appearance** Liquid Colour Black

Odour Characteristic.

Property Values Remarks • Method

Melting point / freezing point No data available Initial boiling point and boiling > 153 °C

range

Flammability Not applicable for liquids .

Flammability Limit in Air None known

Upper flammability or explosive No data available

Lower flammability or explosive No data available

limits

> 39 °C Flash point **Autoignition temperature** 200 °C

Decomposition temperature

None known No data available Insoluble in water. pН pH (as aqueous solution) No data available None known Kinematic viscosity $>= 23 \text{ mm}^2/\text{s}$ @ 40°C

Dynamic viscosity No data available Water solubility Insoluble in water.

No data available Solubility(ies) None known **Partition coefficient** No data available None known

Vapour pressure No data available

0.84 - 0.87 Relative density None known

Bulk Density No data available No data available **Density**

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 (%) No information available

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

United Kingdom - BE Page 6/12

BOSTIK PENETRATION PRIMER

Supercedes Date: 06-Sep-2022

Revision date 15-Aug-2023

Revision Number 1.05

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity No information available.

10.2. Chemical stability

Stability Stable under normal conditions.

Explosion data

Sensitivity to mechanical

None.

impact

Sensitivity to static discharge Yes.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions None under normal processing.

10.4. Conditions to avoid

Conditions to avoid Keep from freezing. Heat, flames and sparks.

10.5. Incompatible materials

Incompatible materials None known based on information supplied.

10.6. Hazardous decomposition products

Hazardous decomposition

products

None under normal use conditions. Stable under recommended storage conditions.

SECTION 11: Toxicological information

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

Information on likely routes of exposure

Product Information

Inhalation May cause drowsiness or dizziness.

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 Inhalation of high vapour concentrations may cause symptoms like headache, dizziness,

tiredness, nausea and vomiting.

Acute toxicity

Numerical measures of toxicity

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

ATEmix (oral) >5000 mg/kg ATEmix (dermal) >5000 mg/kg

United Kingdom - BE Page 7 / 12

BOSTIK PENETRATION PRIMER

Revision date 15-Aug-2023 Supercedes Date: 06-Sep-2022 **Revision Number** 1.05

ATEmix (inhalation-gas) >20000 ppm ATEmix (inhalation-dust/mist) >5 mg/l ATEmix (inhalation-vapour) >20 mg/l

Component Information

| Chemical name | Oral LD50 | Dermal LD50 | Inhalation LC50 |
|---------------|----------------------------|----------------------------|---------------------------------|
| Hydrocarbons | LD50 >15000 mg/Kg (Rattus) | LD50 > 3400 mg/kg (Rattus) | LC50 (4hrs) >13.1 mg/l (Rattus) |
| - | OECD 401 | OECD 402 | |

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

Skin corrosion/irritation Based on available data, the classification criteria are not met.

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

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

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

STOT - single exposure May cause drowsiness or dizziness.

Causes damage to organs through prolonged or repeated exposure. STOT - repeated exposure

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 No information available.

11.2.2. Other information

Other adverse effects No information available.

SECTION 12: Ecological information

12.1. Toxicity

Ecotoxicity Toxic to aquatic life with long lasting effects.

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

United Kingdom - BE Page 8/12

BOSTIK PENETRATION PRIMER

Supercedes Date: 06-Sep-2022

Revision date 15-Aug-2023

Revision Number 1.05

| Hydrocarbons | EL50 (72h) = 4.1 | LL50 96hr 10-30 | - | EL50 48hr | |
|--------------|-------------------|-----------------|---|-----------------|--|
| | mg/l (| mg/l | | 10-30mg/l | |
| | Pseudokirchner | (Oncorhynchus | | (daphnia magna) | |
| | ella subcapitata) | mykiss) | | | |
| | OECD 401 | | | | |

12.2. Persistence and degradability

Persistence and degradability No information available.

Hydrocarbons

| Method | Exposure time | Value | Results |
|--------|---------------|----------------|------------------------------|
| | 28 days | biodegradation | 74.7 % Readily biodegradable |

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 The product does not contain any substance(s) classified as PBT or vPvB above the

threshold of declaration.

| Chemical name | PBT and vPvB assessment |
|---------------|---------------------------------|
| Hydrocarbons | The substance is not PBT / vPvB |

12.6. Endocrine disrupting properties

Endocrine disrupting properties No information available.

12.7. Other adverse effects

No information available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste from residues/unused products

Should not be released into the environment. Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.

Contaminated packaging

Empty containers pose a potential fire and explosion hazard. Do not cut, puncture or

weld containers.

European Waste Catalogue

17 03 02 bituminous mixtures other than those mentioned in 17 03 01

15 01 10*: Packaging containing residues of or contaminated by dangerous substances

Other information

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

United Kingdom - BE Page 9 / 12

BOSTIK PENETRATION PRIMER Supercedes Date: 06-Sep-2022

Revision date 15-Aug-2023 Revision Number 1.05

here, may not always agree with the bill of lading shipping description for the material.

Land transport (ADR/RID)

14.1 UN number or ID number UN199914.2 UN proper shipping name Tars, liquid

14.3 Transport hazard class(es) 3 Labels 3 14.4 Packing group III

Description UN1999, Tars, liquid, 3, III, (D/E), Environmentally Hazardous

14.5 Environmental hazards Yes

14.6 Special precautions for user
Special Provisions None
Classification code F1
Tunnel restriction code (D/E)
Limited quantity (LQ) 5 L
ADR Hazard Id (Kemmler 30

Number)

IMDG

14.1 UN number or ID number UN199914.2 UN proper shipping name Tars, liquid

14.3 Transport hazard class(es) 3 14.4 Packing group III

Description UN1999, Tars, liquid, 3, III, (39°C c.c.), Marine Pollutant

14.5 Marine pollutant P
14.6 Special precautions for user
Special Provisions 955
Limited Quantity (LQ) 5 L
EmS-No. F-E, S-E

Limited Quantity (LQ)
EmS-No.

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
14.2 UN proper shipping name
14.3 Transport hazard class(es)
14.4 Packing group
UN1999
Tars, liquid
3
III

Description UN1999, Tars, liquid, 3, III

14.5 Environmental hazards Yes14.6 Special precautions for user

Special Provisions A3 Limited quantity (LQ) 10 L ERG Code 3L

Section 15: REGULATORY INFORMATION

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

European Union

Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work

Check whether measures in accordance with Directive 94/33/EC for the protection of young people at work must be taken.

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)

United Kingdom - BE Page 10 / 12

BOSTIK PENETRATION PRIMER Supercedes Date: 06-Sep-2022

Revision date 15-Aug-2023 Revision Number 1.05

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)

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

P5a - FLAMMABLE LIQUIDS P5b - FLAMMABLE LIQUIDS P5c - FLAMMABLE LIQUIDS

E2 - Hazardous to the Aquatic Environment in Category Chronic 2

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

H226 - Flammable liquid and vapour

H304 - May be fatal if swallowed and enters airways

H336 - May cause drowsiness or dizziness

H372 - Causes damage to organs through prolonged or repeated exposure

H411 - Toxic to aquatic life with long lasting effects

Legend

TWA TWA (time-weighted average)
STEL STEL (Short Term Exposure Limit)

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

ADR European Agreement concerning the International Carriage of Dangerous Goods by

Road

IMDG International Maritime Dangerous Goods (IMDG)

United Kingdom - BE Page 11 / 12

BOSTIK PENETRATION PRIMER
Supercedes Date: 06-Sep-2022
Revision Number 1.05

IATA International Air Transport Association (IATA)

RID Regulations concerning the International Transport of Dangerous Goods by Rail

Key literature references and sources for data

No information available

Prepared By Product Safety & Regulatory Affairs

Revision date 15-Aug-2023

Indication of changes

Revision note SDS sections updated, 8. Training Advice No information available Further information No information available

This material safety data sheet complies with 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 12/12