



ProSolve Bitumen Jointing Strip

18 September 2026 v1.2

According to Regulation (EC) No 1272/2008 (CLP) and UK REACH

Prepared for UK/EU SDS format according to Annex II of REACH as amended by Regulation (EU) 2020/878, and GB CLP/UK REACH alignment.

SECTION 1: Identification of the Substance/Mixture and of the Company/Undertaking

1.1 Product Identifier

Product name	ProSolve Bitumen Jointing Strip
Product codes	PVBJS40 PVBJS60 PVBJS80 PVBJS120
Pack size / format	PVBJS40 — 20mm x 40mm x 4m PVBJS60 — 12mm x 60mm x 6m PVBJS80 — 12mm x 80mm x 6m PVBJS120 — 12mm x 120mm x 6m <i>Supplied as coiled self-adhesive bituminous mastic strip on a release liner.</i>
UFI	Not applicable — this product is not classified as hazardous under CLP; the UFI requirement (CLP Article 45 / Annex VIII, mandatory poison centre notification) does not apply to mixtures that are not classified as hazardous for health or physical effects.
Product type	Self-adhesive bituminous mastic jointing / joint-sealing strip for construction use

1.2 Relevant Identified Uses of the Substance or Mixture and Uses Advised Against

Identified uses: Preformed jointing/sealing strip used to seal and waterproof movement, expansion and construction joints (e.g. in paving, kerbs, flags, manhole surrounds and similar construction applications). May be applied cold or, for some formats/applications, softened by heating immediately prior to use. Restricted to professional/trade users.

Uses advised against: Not intended for uses other than construction joint sealing as described above; not intended for consumer/DIY retail sale or for food-contact applications.

1.3 Details of the Supplier of the Safety Data Sheet

Company	ProSolve
Address	Sandall Stones Road, Kirk Sandall Industrial Estate, Doncaster, South Yorkshire, DN3 1QR, United Kingdom
Telephone	+44 (0) 1302 310 113
E-mail	enquiries@prosolveproducts.com
Web	www.prosolveproducts.com
EU contact / address	PO Box 107, 3150 AC, Hoek van Holland



1.4 Emergency Telephone Number

Region / service	Telephone / instruction
National Health Service (NHS) - England or Scotland	111
NHS Wales	0300 0604400
Northern Ireland	Call your local GP
Life-threatening emergency	Call 999 for an ambulance

SECTION 2: Hazards Identification

2.1 Classification of the Substance or Mixture

Not classified as hazardous under Regulation (EC) No 1272/2008 (CLP), as amended, or under GB CLP. The product as supplied — a cold, solid, self-adhesive bituminous mastic strip — does not meet the classification criteria for any physical, health or environmental hazard class.

This classification applies to the product as packaged and supplied. Some applications involve heating the strip immediately before use: heating is a process hazard addressed under Sections 4, 5, 7, 8 and 11 below, and does not itself change the CLP classification of the product as supplied.

2.2 Label Elements

Hazard pictograms	None
Signal word	None
Hazard statement(s)	None
Precautionary statement(s)	None
Supplemental hazard information (EUH statements)	None

2.3 Other Hazards

This product does not contain any substances meeting the criteria for PBT (persistent, bioaccumulative and toxic) or vPvB (very persistent and very bioaccumulative) as set out in REACH Annex XIII.

This product does not contain, at a concentration of 0.1% or above, any substance identified as having endocrine-disrupting properties for human health or the environment under Article 57(f) REACH.

Physical caution: when heated for application, molten product presents a burn risk on contact with skin, and fumes released from heated product may be irritating or harmful if inhalation is prolonged in poorly ventilated areas (see Sections 4, 7, 8 and 11).

SECTION 3: Composition/Information on Ingredients

3.1 Substances

Not applicable — this product is a mixture, not a substance.

3.2 Mixtures

This product is a bituminous mastic mixture. Its principal component is bitumen (a naturally occurring/refined complex hydrocarbon substance, CAS No. 8052-42-4, EC No. 232-490-9), consistent with the product's bituminous odour, black colour and softening-point behaviour described in Section 9.



SECTION 4: First Aid Measures

4.1 Description of First Aid Measures

Inhalation	Considered not hazardous by inhalation under normal (cold) handling. If fumes are inhaled during heated application, remove the person to fresh air and keep at rest. Seek medical attention if irritation or symptoms persist.
Eye contact	Not expected to cause irritation from the cold product. If hot/molten product contacts the eye, do not attempt to remove solidified material — flush gently with plenty of clean water and seek immediate medical/hospital attention.
Skin contact — cold product	No irritation expected from normal handling of the cold strip. Wash off any residue with soap and water; use a proprietary skin cleaner if needed. Seek medical attention if irritation persists.
Skin contact — hot/molten product (burns)	Do NOT attempt to peel or scrape solidified hot product from the skin. Immediately cool the affected area with plenty of clean, cold water for at least 10 minutes (or until pain subsides). Do not apply ice directly, ointments or lotions. Seek medical/hospital attention for any burn caused by hot bitumen.
Ingestion	Unlikely under normal use. Rinse mouth thoroughly with water. Do NOT induce vomiting. Seek medical attention if irritation or symptoms persist.

4.2 Most Important Symptoms and Effects, Both Acute and Delayed

Inhalation	No specific symptoms noted from cold handling. Fume inhalation during heated application may cause irritation of the nose, throat or airways.
Eye contact	May cause irritation. Contact with hot/molten product may cause thermal burns.
Skin contact	May cause irritation on prolonged/repeated contact with the cold product. Contact with hot/molten product will cause thermal burns.
Ingestion	No specific symptoms noted.

4.3 Indication of Any Immediate Medical Attention and Special Treatment Needed

No specific antidote or special treatment is required for the cold product. Treat as a thermal burn in the case of contact with hot/molten product (cool with water; do not peel product from skin). If you feel unwell, seek medical advice and show this safety data sheet or the product label where possible.

SECTION 5: Firefighting Measures

5.1 Extinguishing Media

Suitable: Dry powder, carbon dioxide (CO₂) or foam.

Not suitable: Do not direct a solid water jet onto burning or heated bituminous material — this can cause frothing/spattering of hot product. A fine water spray/fog may be used to cool nearby containers, structures and fire-exposed surfaces.

5.2 Special Hazards Arising from the Substance or Mixture

Combustion of bituminous material may generate irritating and potentially harmful smoke and fumes, which can include oxides of carbon and sulphur and other hydrocarbon combustion products, depending on conditions. Hot/molten product presents a burn hazard.



5.3 Advice for Firefighters

Use self-contained breathing apparatus and full protective clothing in the event of a large fire or significant smoke/fume generation. Cool fire-exposed containers/structures with water spray.

SECTION 6: Accidental Release Measures

6.1 Personal Precautions, Protective Equipment and Emergency Procedures

No special precautions needed for the cold solid product beyond good general hygiene. If a spillage involves hot/molten product, keep unprotected persons away, allow the material to cool and solidify before handling, and use heat-resistant gloves and appropriate PPE.

6.2 Environmental Precautions

Solid product, insoluble in water. Presents no significant environmental problems if collected and disposed of correctly. Prevent large spillages of molten product from entering drains or watercourses.

6.3 Methods and Material for Containment and Cleaning Up

Allow molten material to cool and solidify, then collect mechanically (e.g. by scraping/sweeping) into a suitable container for disposal or recovery. Dispose of as described in Section 13.

6.4 Reference to Other Sections

See Section 8 for personal protective equipment and Section 13 for waste disposal.

SECTION 7: Handling and Storage

7.1 Precautions for Safe Handling

- Heat-resistant gloves are necessary when handling or applying heated/molten product.
- Gloves are recommended (though not mandatory) for handling the cold strip.
- Ensure good ventilation, and use local exhaust/fume extraction where reasonably practicable, whenever the product is heated for application.
- Keep away from naked flames and other ignition sources when using heating equipment (e.g. gas torches, hot-air tools) to soften the product.
- Avoid skin and eye contact with hot/molten product.

7.2 Conditions for Safe Storage, Including Any Incompatibilities

Store in a cool, dry, well-ventilated area away from heat sources, direct sunlight and open flame. No specific incompatibilities identified for the solid product under normal storage conditions.

7.3 Specific End Use(s)

Restricted to professional/trade users in construction joint-sealing applications.

SECTION 8: Exposure Controls/Personal Protection

8.1 Control Parameters

EH40/2005 (as amended, current edition) does not list a specific Workplace Exposure Limit (WEL) for generic "bitumen fume" or "oil fume" as named substances. The figures of 5 mg/m³ (8-hour TWA) for bitumen fume and 5 mg/m³ (8-hour TWA) for oil mist/fume carried in the prior version of this SDS reflect a widely used UK bitumen-industry benchmark/target exposure level for good practice rather than a statutory EH40 WEL entry.

8.2 Exposure Controls

8.2.1 Appropriate Engineering Controls

Keep in a cool, dry, well-ventilated area. Use local exhaust ventilation or fume extraction where the product is heated for application, particularly in confined or poorly ventilated spaces.



8.2.2 Individual Protection Measures

Eye/face protection	Safety goggles or a face shield are recommended when applying hot/molten product, to avoid splash contact.
Skin protection	Heat-resistant gloves are necessary when handling heated/molten product. Gloves are recommended for cold handling. Wash any product residue from skin with soap and water or a proprietary skin cleaner — do not use solvents to clean skin.
Respiratory protection	Not normally required for cold handling. Ensure adequate ventilation/fume extraction when heating the product; where ventilation cannot keep fume exposure adequately controlled, suitable respiratory protective equipment should be used, selected in line with a site-specific COSHH assessment.
Thermal hazards	Wear protective clothing appropriate to the risk of contact with hot/molten product where the material is heated for application.

8.2.3 Environmental Exposure Controls

Not applicable — no significant environmental exposure controls are required for this solid, water-insoluble product under normal conditions of use.

SECTION 9: Physical and Chemical Properties

9.1 Information on Basic Physical and Chemical Properties

Appearance (physical state, colour)	Solid mastic strip; black
Odour	Bituminous
Odour threshold	Not determined / not applicable
pH	Not applicable (solid, non-aqueous product)
Melting point / freezing point	Not applicable as a sharp melting point — see softening point, below
Softening point (Ring & Ball)	Approx. 105°C (standard grade) — approx. 125°C (tropical grade)
Initial boiling point and boiling range	Not applicable (solid, non-volatile at ambient temperature)
Flash point	Not applicable (solid, non-volatile product; not relevant in the form supplied)
Evaporation rate	Not applicable
Flammability (solid, gas)	Not classified as flammable. Softens/flows on heating rather than igniting readily; combustible if exposed to direct flame or sustained high heat (see Section 5).
Upper/lower explosive limit	Not applicable
Vapour pressure	Not applicable / negligible at ambient temperature
Vapour density	Not applicable
Relative density	Not independently available in this session — not stated in the source document
Solubility(ies)	Insoluble in water
Partition coefficient: n-octanol/water	Not independently available in this session
Auto-ignition temperature	Not independently available in this session



Decomposition temperature	Not independently available in this session
Viscosity	Not applicable (solid product; softens/flows when heated)
Explosive properties	Not explosive
Oxidising properties	Not oxidising
% volatile matter	Nil

9.2 Other Information

None.

SECTION 10: Stability and Reactivity

10.1 Reactivity

Not expected to be reactive under normal conditions of storage, handling and use.

10.2 Chemical Stability

Stable under normal conditions of storage and use.

10.3 Possibility of Hazardous Reactions

None known.

10.4 Conditions to Avoid

Excessive heat, open flame and ignition sources (particularly during heated application).

10.5 Incompatible Materials

Strong oxidising agents. No other specific incompatibilities identified.

10.6 Hazardous Decomposition Products

None under normal conditions of storage and use. Thermal decomposition/combustion may generate oxides of carbon and other smoke/fume constituents (see Section 5).

SECTION 11: Toxicological Information

11.1 Information on Toxicological Effects

Endpoint	Available information
Acute toxicity	No data available for this product. Not classified.
Skin corrosion/irritation	Not classified. Prolonged/repeated contact with the cold product may cause irritation; hot/molten product will cause thermal burns (see Section 4).
Serious eye damage/irritation	Not classified for the cold product. Hot/molten product in the eye presents a thermal burn hazard.
Respiratory or skin sensitisation	Not classified. No sensitisation data available for this product.
Germ cell mutagenicity	No data available. Not classified.
Carcinogenicity	The finished, cold product is not classified as carcinogenic under CLP. See note on heated application below.
Reproductive toxicity	No data available. Not classified.
STOT-single exposure / STOT-repeated exposure	No data available. Not classified.



Aspiration hazard	Not applicable to a solid product.
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Heated application — fume exposure: The International Agency for Research on Cancer (IARC) has classified occupational exposure to oxidised bitumens and their emissions during roofing as Group 2B (possibly carcinogenic to humans), and occupational exposure to straight-run bitumens and their emissions during road paving also as Group 2B (IARC Monographs, Volume 103, 2013). These classifications relate to heavy, prolonged occupational inhalation of bitumen fume in specific heated-application trades, and do not alter the CLP "not classified" status of the cold packaged product itself. They are a reason to ensure good ventilation/fume extraction and to minimise fume exposure whenever this product is heated for application (see Sections 7 and 8).

SECTION 12: Ecological Information

12.1 Toxicity

No product-specific ecotoxicity data (e.g. fish/Daphnia/algae LC50/EC50 values) are available for this product. As a solid, water-insoluble bituminous material, significant aquatic toxicity is not anticipated under normal conditions of use.

12.2 Persistence and Degradability

No product-specific data available. Bitumen, as a solid and effectively water-insoluble material, is not expected to be readily bioavailable in the environment under normal conditions of use.

12.3 Bioaccumulative Potential

No product-specific data available. Not expected to bioaccumulate significantly, given its physical form and insolubility.

12.4 Mobility in Soil

No product-specific data available. Low mobility expected given the solid, insoluble physical form of the product.

12.5 Results of PBT and vPvB Assessment

This product does not contain any substances meeting the PBT or vPvB criteria of REACH Annex XIII.

12.6 Other Adverse Effects

None known.

SECTION 13: Disposal Considerations

13.1 Waste Treatment Methods

Dispose of via a licensed waste management/disposal contractor in compliance with local and national waste regulations. Do not discharge to drains or watercourses.

For waste classification within the UK/EU, an appropriate European Waste Catalogue (EWC) code should be assigned by the waste holder based on the actual waste composition and circumstances of disposal. EWC code 17 03 02 ("bituminous mixtures other than those mentioned in 17 03 01", i.e. not containing coal tar) is likely to be broadly indicative for offcuts/waste of this product, but this should be confirmed by the waste holder/contractor rather than treated as definitive.

Empty packaging/release liner may be sent to landfill or recycled after removal of residual product, if in compliance with local and national regulations.

SECTION 14: Transport Information

UN number	Not applicable — not classified as dangerous goods
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UN proper shipping name	Not applicable
Transport hazard class(es)	Not applicable
Packing group	Not applicable
Environmental hazards	Not classified as an environmentally hazardous substance for transport
Special precautions for user	None
Transport in bulk (Annex II MARPOL and IBC Code)	Not applicable — product is not transported in bulk

Not regulated as dangerous goods for carriage by road (ADR), rail (RID), sea (IMDG) or air (IATA).

SECTION 15: Regulatory Information

15.1 Safety, Health and Environmental Regulations/Legislation Specific for the Substance or Mixture

- Regulation (EC) No 1272/2008 (CLP), as amended, and GB CLP (retained EU law).
- UK REACH (Regulation (EC) No 1907/2006 as it applies in Great Britain) and EU REACH, as applicable.
- Control of Substances Hazardous to Health Regulations 2002 (COSHH), as amended.
- Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 and successor CLP labelling requirements.
- EU Poison Centre Notification (Annex VIII, CLP) — not applicable; see Section 1.1 (UFI).

15.2 Chemical Safety Assessment

A chemical safety assessment (CSA) under REACH Article 14 has not been carried out for this product, as it is not classified as hazardous.

SECTION 16: Other Information

Revision History

Version / date	Summary of changes
v1.1 — 12/11/2021	Prior version. Referenced the superseded Regulation (EU) No 830/2015; EU establishment address given as Portfolio House, Kilbarrack Parage, Dublin D05 TF86; non-standard Section 1 numbering; no product code/pack-size listing; supplier e-mail info@prosolveproducts.com.
v1.2 — 18/09/2026 (this version)	Reformatted to the current 16-section CLP/REACH Annex II template (as amended by Regulation (EU) 2020/878). Section 1 renumbered to standard Annex II layout (1.1 identifier, 1.2 identified uses, 1.3 supplier, 1.4 emergency number). EU establishment address updated to PO Box 107, 3150 AC, Hoek van Holland (Dublin address superseded); supplier telephone reformatted to +44 (0) 1302 310 113; e-mail updated to enquiries@prosolveproducts.com; fax number removed (no longer in use). Added current product code and pack-size listing: PVBJS80, PVBJS40, PVBJS60, PVBJS120. Clarified that a UFI is not required, as the product is not classified as hazardous under CLP. Expanded Section 9 to the full REACH Annex II physical/chemical property list, retaining genuine source values and marking unavailable parameters as such rather than estimating them.



	Section 8: clarified that the retained 5 mg/m³ bitumen/oil fume figures reflect an industry benchmark rather than a confirmed current EH40/2005 WEL entry. Section 4: added specific first-aid guidance for thermal burns from hot/molten product (cool with water; do not peel product from skin), distinct from irritation first aid for the cold product. General terminology, layout and house-style modernisation; legal disclaimer updated to current ProSolve wording.
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Abbreviations and Acronyms

CLP: Classification, Labelling and Packaging Regulation (EC) No 1272/2008. REACH: Registration, Evaluation, Authorisation and Restriction of Chemicals. UFI: Unique Formula Identifier. PBT: Persistent, Bioaccumulative and Toxic. vPvB: very Persistent and very Bioaccumulative. WEL: Workplace Exposure Limit. TWA: Time-Weighted Average. COSHH: Control of Substances Hazardous to Health Regulations. IARC: International Agency for Research on Cancer. EWC: European Waste Catalogue. ADR/RID/IMDG/IATA: transport regulations for road, rail, sea and air.

Next Review Date

18 September 2029 (issue date + 3 years).

Legal Disclaimer

The above information is believed to be correct but does not purport to be all-inclusive and shall be used only as a guide. ProSolve shall not be held liable for damage resulting from handling or from contact with the product where it is used outside the stated conditions of use or contrary to the recommended risk management measures. Regulatory classifications, supplier data, product artwork and supporting safety information may change as legislation, harmonised classifications, supplier notifications or formulation details are updated. Request updated safety information whenever formulation, supplier classification, legislation or intended use changes.