



ProSolve™ Bitumen Primer 5L

Safety Data Sheet

According to Regulation (EU) No 830/2015 and Regulation (EC) No 1272/2008

Date Revised: 18.08.2021 / Revision: 2

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

1.1. Product identifier

Trade Name: ProSolve™ Bitumen Primer 5L

Product Code: PVBPRI5

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

Identified Uses: (SU3) Industrial uses: Uses of substances as such or in preparations at Industrial sites; (PC9a) Coatings and paints, thinners, paint removers; (PROC10) Roller application or brushing; (ERC5) Industrial use resulting in inclusion into or onto a matrix;

1.3. Details of the supplier of the safety data sheet

Company Name: ProSolve

Company Address: Sandall Stones Road, Kirk Sandall Industrial Estate, Doncaster, South Yorkshire,
DN3 1QR

Tel: +44 (0) 1302 310 113

E-mail: enquiries@prosolveproducts.com

Web: www.prosolveproducts.com

EU Details:

Address: Portfolio House, Kilbarrack Parage, Dublin D05 TF86

Phone: 003531 9120925

1.4. Emergency Telephone Number

National Health Service (NHS)

NHS England or Scotland: 111

NHS Wales: 0300 0604400

Northern Ireland: Call your local GP

For life-threatening emergencies, call 999 for an ambulance.

SECTION 2: Hazards Identification

2.1. Classification of the substance or mixture

2.1.2. Classification - EC 1272/2008 EUH066; Flam.Liq.3: H226; STOT SE 3: H336; STOT RE 1: H372; Aquatic Chronic 2; H411;

2.2. Label Elements:

Hazard pictogram:



Signal word: Danger

Hazard statements: EUH066 - Repeated exposure may cause skin dryness or cracking. Flam.Liq. 3: H226 - Flammable liquid and vapour.

STOT SE 3: H336 - May cause drowsiness or dizziness. STOT RE 1: H372 - Causes damage to organs through prolonged or repeated exposure. Aquatic Chronic 2: H411 - Toxic to aquatic life with long lasting effects.

Precautionary statements:

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

P270 - Do not eat, drink or smoke when using this product.

P280 - Wear protective gloves/protective clothing/eye protection.

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

P271 - Use only outdoors in a well-ventilated area P235 - Keep cool.

P273 - Avoid release to the environment.

P391 - Collect spillage.

P303 + P361 + P353 – IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.

P370 + P378 – In case of fire: Use carbon dioxide, dry powder or foam for extinction.

P312 - CALL A POISON CENTRE/doctor if you feel unwell.

P403 + P233 – Store in a well-ventilated place. Keep container tightly closed.

P405 - Store locked up.

P501 - Dispose of contents/container to hazardous waste in accordance with local/national registration.

SECTION 3: Composition / Information On Ingredients

3.1. Mixtures:

EC 1272/2008

Chemical Name	Index No	CAS No	EC No	Reach Reg No	Conc. (%w/w)	Classification
Bitumen		64742-93-4	265-196-4	01- 2119498270- 36	50-60%	
Naphtha (Petroleum), Hydrosulfurized Heavy; Low Boiling (White Spirit).		64742-82-1	919-446-0	01- 2119458049- 33	40-50%	EUH066;Flam Liq3: H226;AspTox1:H304; STOT SE 3: H336; STOT RE 1: H372; Aquatic Chronic2:H411;

SECTION 4: First Aid Measures

4.1. Description of first aid measures

Inhalation: Move the exposed person to fresh air. Seek medical attention if irritation or symptoms persist.

Eye contact: Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention if irritation or symptoms persist.

Skin contact: Seek medical attention if irritation or symptoms persist. Wash off immediately with plenty of soap and water. Remove all contaminated clothes and footwear immediately unless stuck to skin.

Ingestion: Seek medical attention if irritation or symptoms persist. DO NOT INDUCE VOMITING.

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

Inhalation: Inhalation may cause nausea and vomiting. May cause dizziness and headache.

Eye Contact: May cause irritation to eyes. May cause irritation to membranes.

Skin Contact: May cause degreasing of the skin. May cause irritation to skin. irritation to skin.

Ingestion: Ingestion may cause nausea and vomiting. General information In case of accident or you feel unwell, seek medical advice immediately (show label where possible) Treat symptomatically.

SECTION 5: Firefighting Measures

5.1. Extinguishing media

Alcohol resistant foam. Carbon dioxide (CO₂). Do NOT use water jet. Dry Chemical.

5.2. Special hazards arising from the substance or mixture

Burning produces irritating, toxic and obnoxious fumes.

5.3. Advise for Fire-fighters

Wear suitable respiratory equipment when necessary.

SECTION 6: Accidental Release Measures

6.1. Personal precautions protective equipment and emergency procedures: Ensure adequate ventilation of the working area. Eliminate all sources of ignition. Wear suitable protective equipment. Evacuate personnel to safe area.

6.2. Environmental precautions: Do not flush into surface water. Prevent further spillage if safe.

6.3. Methods and materials for containment and cleaning up: Absorb with inert, absorbent material. Transfer to suitable, labelled containers for disposal.

6.4. Reference to other sections: Section 13: Disposal considerations. SECTION 14: Transport Information. SECTION 2: Hazards identification.

SECTION 7: Handling and Storage

7.1. Precautions for safe handling

Avoid contact with eyes and skin. Ensure adequate ventilation of the working area. Keep away from sources of ignition – No smoking. Use explosion proof equipment.

7.2. Conditions for safe storage, including any incompatibilities

Keep containers tightly closed. Keep in a cool, dry, well ventilated area. Store in correctly labelled containers

SECTION 8: Exposure Controls / Personal Protection

8.1. Control parameters

8.1.1. Exposure limits Values

Naphtha (Petroleum), Hydrosulfurized Heavy; Low Boiling (White Spirit).	WEL 8-hr limit ppm: WEL 15 min limit ppm: WEL 8-hr limit mg/m ³ total Inhalable dust: WEL 8-hr limit mg/m ³ total Respirable dust:	WEL 8- hr limit mg/m ³ : 350 WEL 15 min limit mg/m ³ : WEL 15 min limit mg/m ³ total Inhalable dust: WEL 15 min limit mg/m ³ total Respirable dust:
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DNEL: Derived no-effect level

Exposure Pattern – Workers

Naphtha (Petroleum)	Acute inhalation-Systemic Effects 570 mg/m ³
Hydrosulfurized Heavy; Low Boiling	Long term – inhalation – Long term-dermal-Systemic Systemic effects 330mg/m ³ effects 44mg/kg

Exposure pattern - General Population

Naphtha (Petroleum)	Acute inhalation-Systemic Effects 570mg/m ³ Long term-inhalation- Long term-dermal-Systemic Systemic effects 71mg/m ³ effects 26mg/kg Long term-oral-Systemic Effects 26mg/kg
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8.2. Exposure Controls



8.2.1. Appropriate Engineering Controls

Ensure adequate ventilation of working area.

8.2.2. Individual Protection Measures

Wear suitable protective clothing.

Eye / Face Protection

Suitable eye protection.

Skin protection / Hand Protection:

Chemical resistant gloves (PVC).

Respiratory protection: In case of insufficient ventilation, wear suitable respiratory equipment.

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Appearance: Liquid

Colour: Black

Odour: Characteristic

pH: Not applicable

Melting Point: Not relevant

Freezing Point: Not relevant

Boiling Point: >150°C

Flash Point: >39°C

Upper Explosive Limit: 8%

Lower Explosive Limit: 0.6%

Vapour Density: >1 g/cm³

Fat Solubility: Not determined

Partition coefficient: Not determined

Auto-ignition temperature: Not determined

Viscosity: >100 x 10⁻⁶ m²/s @ 40°C (ISO 3104/3106)

Solubility: Immiscible in water

9.2. Other information:

Specific gravity	0.9 – 0.95 g/cm ³
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VOC	(Volatile organic < 385g/l compounds)
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SECTION 10: Stability and Reactivity

10.1 Reactivity: Avoid sparks, flames, heat and sources of ignition.

10.2 Chemical stability: Stable under normal conditions.

10.3. Possibility of hazardous reactions: Oxidising agents.

10.4. Conditions to Avoid: Heat, sparks and open flames.

10.5 Incompatible materials: Organic materials.

10.6 Hazardous decomposition products: Burning produces irritating, toxic and obnoxious fumes. Fire will produce dense black smoke.

SECTION 11: Toxicological Information:

11.1. Information on toxicological effects:

Acute toxicity: No observed effect level

Skin corrosion/irritation: May cause irritation to skin.

Serious eye damage/irritation: No irritation expected.

Respiratory/skin sensitisation: No sensitisation effects reported.

Germ cell mutagenicity: No mutagenic effects reported.

Carcinogenicity: No carcinogenic effects reported.

Reproductive toxicity: No teratogenic effects reported.

Aspiration hazard: Aspiration hazard H304 has been eliminated due to the kinematic viscosity of the product being above 20.5 mm²/s @ 40°C.

Repeated/prolonged: Exposure Repeated or prolonged exposure may cause damage to liver, kidney and central nervous system.

11.1.4 Toxicological Information

Naphtha (Petroleum),

Hydrosulfurized Heavy; Low Boiling	Inhalation Rat LC50/>13.1 h: 4 mg/kg Dermal Rabbit LD50: 3400 mg/kg	Oral Rat LD50: >15000 mg/kg
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SECTION 12: Ecological Information

12.1.

Naphtha (Petroleum),

Hydrosulfurized Heavy; Low Boiling	Daphnia EC50/48h: 20.0000 mg/l	Rainbow trout LC50/96h: 10- 30mg/kg
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12.2. Persistence and degradability: Not readily biodegradable.

12.3. Bio-accumulative potential: Partition coefficient – Not determined

12.4. Mobility in soil: UVCB

12.5. Results of PBT and vPvB assessment: This substance does not meet the criteria for classification as PBT or vPvB.

Further information: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

SECTION 13: Disposal Considerations

13.1. General Information: Contact a licensed waste disposal company. 08 01 11* waste paint and varnish containing organic solvents or other dangerous substances. 17 03 02 bituminous mixtures other than those mentioned in 17 03 01.

13.2. Disposal of packaging: After final product withdrawal, all residues must be removed from containers (drip-free, powder-free or paste-free) Contact a licensed waste disposal company. 15 01 10* packaging containing residues of or containing by dangerous substances.

SECTION 14: Hazard Pictograms



14.1. UN number: UN 1999

14.2. UN proper shipping name: TARS, LIQUID (Contains: Naphtha (Petroleum), Hydrosulfurized Heavy; Low Boiling*)

14.3. Transport hazard class(es):

ADR/RID: 3

Subsidiary risk: -

IMDG: 3

Subsidiary risk: -

IATA: 3

Subsidiary risk: -

14.4. Packing Group: Packing Group III

14.5. Environmental Hazards

Environmental hazards: Yes

Marine pollutant: Yes

ADR/RID:

Hazard ID: 30

Tunnel Category: (D/E)

IMDG:

EmS Code: F-E-S-E

IATA

Packing Instruction (Cargo): 366

Maximum quantity: 220L

Packing Instruction (Passenger): 355

Maximum quantity: 60L

Further information: It is also possible to use UN 1263 Paint Related Products (3,III,(D/E).

SECTION 15: Regulatory Information

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

Regulations: The European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) Classification has been made in accordance with Regulation (EC) No 1272/2008 on the classification, labelling and packaging of substances and mixtures (CLP Regulation)

SECTION 16: Other Information

Revision: This document differs from previous in the following areas:

2 - Hazard pictograms.

2 - Precautionary Statement: Prevention.

2 - Precautionary Statement: Response.

2 - Precautionary Statement: Storage.

2 - Precautionary Statement: Disposal

9-9.1. Information on basic physical and chemical properties (Initial boiling point)

9-9.1 Information

Data sources Data extracted from individual component Safety Data Sheets.

Text of Hazard Statements In Section 3

EUH066-Repeated exposure may cause skin dryness or cracking.

Flam. Liq. 3: H226 – Flammable liquid and vapour.

Asp.Tox.1: H304 – May be fatal if swallowed and enters airways.

STOT SE 3: H336 – May cause drowsiness or dizziness.

STOT RE 1: H372 – Causes damage to organs through prolonged or repeated exposure.

Aquatic chronic 2: H411 – Toxic to aquatic life with long lasting effects.

Product subcategory: One-pack performance coatings – 500 g/l.

Maximum content of VOC: 385 g/l

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