

SECTION 1: IDENTIFICATION OF THE SUBSTANCE OR PREPARATION AND THE COMPANY

1.1 Product Identifier

Product Name: Block Seal

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

Use of the substance/mixture: Natural Stone & Tile Sealer

1.3 Details of the supplier of the safety data sheet

Company Name: Polycote UK LLP
Centre Point
Wolseley Road
Woburn Road Industrial Estate
Kempston
Beds
MK42 7EF
01234 846400
Telephone Number:
Emergency Contact Number: 111 (NHS England)
Email address: uksales@polycote.com

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture:

- CLP: Asp. Tox. 1, STOT SE 3

2.2 Label elements

Hazard pictograms:



Signal word:

Danger

Hazard statements:

H336 - May cause drowsiness or dizziness.
H304 - May be fatal if swallowed and enters airways.
EUH066 - Repeated exposure may cause skin dryness or cracking.
P301+P310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P331 - Do NOT induce vomiting.
P405 - Store locked up.
P501 - Dispose of contents/container to an authorised waste collection point

2.3 Other hazards:

No information available

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

3.1 Substance: Not applicable

3.2 Mixtures

3.2.1 HYDROCARBONS C10-13 N-ALKANES, ISOALKANES, CYCLICS <2% AROMATICS

CAS Number:

EC Number: 918-481-9

Concentration: >65%

Specific Concentration Limits: None assigned

M factor:

Acute toxicity estimate:

Categories: Asp. Tox. 1

SECTION 4: FIRST-AID MEASURES

4.1 Description of first aid measures:

IF INHALED: Remove person to fresh air and keep comfortable for breathing.

IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

IF ON SKIN: Gently wash with plenty of soap and water.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

4.2 Most important symptoms and effects, both acute and delayed

- Gas or vapor in high concentrations may irritate the respiratory system.
- Aspiration hazard if swallowed. Entry into the lungs following ingestion or vomiting may cause chemical pneumonitis.
- Product has a defatting effect on skin. Dryness and/or cracking
- Irritating to eyes. Symptoms following overexposure may include the following: Redness. Pain.

4.3 Indication of any immediate medical attention and special treatment needed:

Treat symptomatically.

SECTION 5: FIRE-FIGHTING MEASURES

5.1 Extinguishing media:

Do not use water jet as an extinguisher, as this will spread the fire.
In case of fire: use carbon dioxide or dry agent to extinguish.

SECTION 5: FIRE-FIGHTING MEASURES (continue)**5.2 Special hazards arising from the substance or mixture:**

Vapours may form explosive mixtures with air. Containers can burst violently or explode when heated, due to excessive pressure build-up.

Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.

5.3 Advice for firefighters:

Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

SECTION 6: ACCIDENTAL RELEASE MEASURES**6.1 Personal precautions, protective equipment and emergency procedures:**

Avoid inhalation of vapours and contact with skin and eyes. Wear protective clothing as described in Section 8 of this safety data sheet. No smoking, sparks, flames or other sources of ignition near spillage. Provide adequate ventilation.

6.2 Environmental precautions:

Do not discharge into drains or watercourses or onto the ground. Spillages or uncontrolled discharges into watercourses must be reported immediately to the Environmental Agency or other appropriate regulatory body.

6.3 Methods and material for containment and cleaning up:

Absorb spillage with non-combustible, absorbent material. Collect and place in suitable waste disposal containers and seal securely. Provide adequate ventilation.

6.4 Reference to other sections:

Wear protective clothing as described in Section 8 of this safety data sheet. For waste disposal, see section 13.

SECTION 7: HANDLING AND STORAGE**7.1 Precautions for safe handling:**

Avoid inhalation of vapours and contact with skin and eyes. Take precautionary measures against static discharge. Provide adequate ventilation.

7.2 Conditions for safe storage, including any Incompatibilities:

Store in tightly-closed, original container in a well-ventilated place. Keep away from heat, sparks and open flame. Earth container and transfer equipment to eliminate sparks from static electricity. Store at temperatures between 5°C and 25°C. Store away from the following materials: Acids. Oxidising agents. Alkalis.

7.3 Specific end use(s)

The identified uses for this product are detailed in Section 1.2.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**8.1 Control parameters:**

No information available

8.2 Exposure controls**Appropriate engineering controls**

Provide adequate ventilation. Avoid inhalation of vapours. Observe any occupational exposure limits for the product or ingredients.

Eye/face protection

Wear tight-fitting, chemical splash goggles or face shield. Personal protective equipment for eye and face protection should comply with European Standard EN166.

Hand protection

The most suitable glove should be chosen in consultation with the glove supplier/manufacturer, who can provide information about the breakthrough time of the glove material. Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. For exposure up to 8 hours, wear gloves made of the following material: Nitrile rubber. Protective gloves should have a minimum thickness of 0.50 mm. To protect hands from chemicals, gloves should comply with European Standard EN374.

Other skin and body protection.

Wear appropriate clothing to prevent any possibility of liquid contact and repeated or prolonged vapour contact.

Respiratory protection

If ventilation is inadequate, suitable respiratory protection must be worn. EN 136/140/141/145/143/149.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**9.1 Information on basic physical and chemical properties**

Physical state:	Liquid
Colour:	Colourless
Odour:	Solvent odour
Melting point/Range:	Not applicable
Boiling Point/Range:	160 - 245°C @ 760 mm Hg
Flammability:	Combustible
pH:	Not applicable
Solubility in water:	Immiscible with water

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Density:	0.8
Flashpoint:	62°C
9.2 Other information	No data available

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity:	May react with the product: Oxidising materials. Acids
10.2 Chemical stability:	Stable at normal ambient temperatures and when used as recommended.
10.3 Possibility of hazardous reactions:	No hazardous reactions known if used for its intended purpose
10.4 Conditions to avoid:	Avoid heat, flames and other sources of ignition. Avoid excessive heat for prolonged periods of time. Keep away from static electricity
10.5 Incompatible materials:	Acids. Oxidising materials.
10.6 Hazardous decomposition products:	Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours. Oxides of the following substances: Carbon.

SECTION 11: TOXICOLOGICAL INFORMATION**11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008**

11.1.1 Acute toxicity:	Estimated LD ₅₀ (oral) (ATE): >2000 mg/kg Estimated LD ₅₀ (dermal) (ATE): >2000 mg/kg Estimated LD ₅₀ (inhalational) (ATE): LD ₅₀ >4951 mg/m ³
11.1.2 Skin corrosion/irritation:	Not classified
11.1.3 Serious eye damage/irritation:	Not classified
11.1.4 Respiratory or skin sensitisation:	Not classified
11.1.5 Germ cell mutagenicity:	Not classified
11.1.6 Carcinogenicity:	Not classified
11.1.7 Reproductive toxicity:	Not classified
11.1.8 STOT (specific target organ toxicity) - single exposure:	Not classified
11.1.9 STOT (specific target organ toxicity) - repeated exposure:	Not classified
11.1.10 Aspiration hazard:	Aspiration hazard
11.2 Information on other hazards	Inhalation Gas or vapour in high concentrations may irritate the respiratory system. Vapours and spray/mists in high concentrations are narcotic. Ingestion May be fatal if swallowed and enters airways. Entry into the lungs following ingestion or vomiting may cause chemical pneumonitis. Skin contact Repeated exposure may cause skin dryness or cracking. Eye contact May cause temporary eye irritation.

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity	Not considered toxic to fish.
12.2 Persistence and Degradation	The substance is readily biodegradable.
12.3 Bioaccumulative potential	No information available
12.4 Mobility in soil	Insoluble in water
12.5 Results of PBT and vPvB assessment	Not a PBT according to REACH Annex XIII
12.6 Endocrine disrupting properties	Not classified
12.7 Other adverse effects	No information available

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods	Waste should be treated as controlled waste. Do not puncture or incinerate, even when empty. Materials such as cleaning rags and paper wipes that are contaminated with flammable liquids may self-ignite after use and should be stored in designated fireproof containers with tight-fitting, self-closing lids. Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.
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SECTION 14: TRANSPORT INFORMATION

14.1 UN number:	Not applicable
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SECTION 14: TRANSPORT INFORMATION (continue)

14.2	UN proper shipping name:	Not applicable
14.3	Transport Hazard Class(es):	Not applicable
14.4	Packing Group	Not applicable
14.5	Environmental hazards	Not classified
14.6	Special precautions for user	Not classified
14.7	Maritime transport in bulk according to IMO instruments	No information available

SECTION 15: REGULATORY INFORMATION**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

This Safety Data Sheet is provided in compliance with the EC Regulations 1907/2006, 1272/2008, 2015/830 and 2020/878

15.2 Chemical safety assessment

A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

SECTION 16: OTHER INFORMATION

To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.