



SAFETY DATA SHEET
HOTSPOT BRICK AND STONE SEALER

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

1.1. Product identifier

Product name HOTSPOT BRICK AND STONE SEALER

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

Identified uses Sealer.

1.3. Details of the supplier of the safety data sheet

Supplier Hydrachem Specialised Chemicals
Gillmans Industrial Estate
Billinghurst
West Sussex
RH14 9EZ
UK
T: +44(0)1403 787700, (Hours 09:00- 17:00 Mon to Fri)
F: +44(0)1403 785158
sds@hydrachem.co.uk

1.4. Emergency telephone number

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification

Physical hazards

Not Classified

Health hazards

Not Classified

Environmental hazards

Not Classified

Classification (67/548/EEC or 1999/45/EC)

R10.

2.2. Label elements

2.3. Other hazards

SECTION 3: Composition/information on ingredients

3.2. Mixtures

1-METHOXY-2-PROPANOL	60-100%
CAS number: 107-98-2 EC number: 203-539-1	
Classification	Classification (67/548/EEC or 1999/45/EC)
Flam. Liq. 3 - H226	R10 R67
STOT SE 3 - H336	

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

SECTION 4: First aid measures

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4.1. Description of first aid measures

Inhalation

In the event of any sensitisation symptoms developing, ensure further exposure is avoided. Get medical attention immediately.

Ingestion

DO NOT induce vomiting. Get medical attention immediately.

Skin contact

Wash with plenty of water.

Eye contact

If liquid has entered the eyes, proceed as follows. Rinse immediately with plenty of water. Remove contact lenses, if present and easy to do. Continue rinsing. Continue to rinse for at least 15 minutes. Get medical attention if symptoms are severe or persist after washing.

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

General information

See Section 11 for additional information on health hazards.

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

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Use alcohol-resistant foam, carbon dioxide or dry powder to extinguish.

Unsuitable extinguishing media

Do not use water jet as an extinguisher, as this will spread the fire.

5.2. Special hazards arising from the substance or mixture

Specific hazards

The product is flammable. Cool containers exposed to heat with water spray and remove them from the fire area if it can be done without risk. Risk of explosion if heated under confinement.

5.3. Advice for firefighters

Protective actions during firefighting

In case of fire: Cool containers exposed to heat with water spray and remove them from the fire area if it can be done without risk. Do not use water jet as an extinguisher, as this will spread the fire. Avoid breathing fire gases or vapours. Control run-off water by containing and keeping it out of sewers and watercourses. Containers can burst violently or explode when heated, due to excessive pressure build-up.

Special protective equipment for firefighters

Firefighter's clothing conforming to European standard EN469 (including helmets, protective boots and gloves) will provide a basic level of protection for chemical incidents. 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

Personal precautions

No smoking, sparks, flames or other sources of ignition near spillage. Wear suitable protective equipment, including gloves, goggles/face shield, respirator, boots, clothing or apron, as appropriate. Send away individuals who are not suitably equipped.

6.2. Environmental precautions

Environmental precautions

Absorb on inert material and dispose by incineration or by depuration plant. Do not discharge into drains or watercourses or onto the ground.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up

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Eliminate all ignition sources if safe to do so. No smoking, sparks, flames or other sources of ignition near spillage. Provide adequate ventilation. Cover large spillages with alcohol-resistant foam. Small Spillages: Absorb small quantities with paper towels and evaporate in a safe place. Once evaporation is complete, place paper in a suitable waste disposal container and seal securely. Large Spillages: Absorb in vermiculite, dry sand or earth and place into containers. Containers with collected spillage must be properly labelled with correct contents and hazard symbol. Dispose of contents/container in accordance with local regulations. Wear suitable protective equipment, including gloves, goggles/face shield, respirator, boots, clothing or apron, as appropriate.

6.4. Reference to other sections

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

Usage precautions

Read label before use. For personal protection, see Section 8. Wear appropriate clothing to prevent any possibility of liquid contact and repeated or prolonged vapour contact. Avoid breathing vapour/spray. During application and drying, solvent vapours will be emitted. 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. Observe any occupational exposure limits for the product or ingredients. This product is not to be used under conditions of poor ventilation. Provide adequate ventilation. If ventilation is inadequate, suitable respiratory protection must be worn. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Avoid spilling. Avoid release to the environment. Do not eat, drink or smoke when using this product. Wash contaminated skin thoroughly after handling. Wash contaminated skin thoroughly after handling. Wash skin thoroughly after handling. Wash hands and any other contaminated areas of the body with soap and water before leaving the work site. When handled correctly, undamaged units represent no danger.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions

Store in tightly-closed, original container in a dry and cool place. Keep away from heat, sparks and open flame. Do not store near heat sources or expose to high temperatures. Use appropriate containment to avoid environmental contamination. Only store in correctly labelled containers.

7.3. Specific end use(s)

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

Occupational exposure limits

1-METHOXY-2-PROPANOL

Long-term exposure limit (8-hour TWA): WEL 100 ppm(Sk) 375 mg/m³(Sk)

Short-term exposure limit (15-minute): WEL 150 ppm(Sk) 560 mg/m³(Sk)

WEL = Workplace Exposure Limit

8.2. Exposure controls

Eye/face protection

Personal protective equipment for eye and face protection should comply with European Standard EN166.

Hand protection

To protect hands from chemicals, gloves should comply with European Standard EN374. Considering the data specified by the glove manufacturer, check during use that the gloves are retaining their protective properties and change them as soon as any deterioration is detected.

Other skin and body protection

Wear appropriate clothing to prevent any possibility of liquid contact and repeated or prolonged vapour contact. Wear appropriate clothing to prevent repeated or prolonged skin contact. Appropriate footwear and additional protective clothing complying with an approved standard should be worn if a risk assessment indicates skin contamination is possible.

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SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Appearance

Light liquid

Colour

Colourless to pale yellow.

Odour

Solvent.

Initial boiling point and range

160-190°C @

Flash point

45°C

Relative density

0.918 @ °C

Solubility(ies)

Insoluble in water.

9.2. Other information

SECTION 10: Stability and reactivity

10.1. Reactivity

The reactivity data for this product will be typical of those for the following class of materials: Alcohols, glycols. See Section 10.3 (Possibility of hazardous reactions) for further information.

10.2. Chemical stability

Stability

Stable at normal ambient temperatures and when used as recommended.

10.3. Possibility of hazardous reactions

The following materials may react strongly with the product: Strong acids. Oxidising agents.

10.4. Conditions to avoid

Avoid contact with strong oxidising agents. Heating may cause a fire or explosion. Do not pressurise, cut, weld, drill, grind or otherwise expose containers to heat or sources of ignition. Avoid the following conditions: Heat, sparks, flames. The following materials may react strongly with the product: Strong acids. Oxidising agents.

10.5. Incompatible materials

Materials to avoid

Avoid contact with the following materials: Strong acids. Oxidising agents.

10.6. Hazardous decomposition products

Heating may generate flammable vapours.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Toxicological effects

TLV-TWA: 1 Methoxy-2-propanol : 369 mg/m³ (ACGIH) In normal use conditions, significant values in the air are not reduced.
LCLo for aliphatic hydrocarbons: 10 mg/m³/2.5 hours.

SECTION 12: Ecological Information

12.1. Toxicity

12.2. Persistence and degradability

Persistence and degradability

The product does not contain any surfactant.

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12.3. Bioaccumulative potential

12.4. Mobility in soil

12.5. Results of PBT and vPvB assessment

12.6. Other adverse effects

SECTION 13: Disposal considerations

13.1. Waste treatment methods

General information

Waste should be treated as controlled waste. Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

SECTION 14: Transport information

14.1. UN number

UN No. (ADR/RID)	3092
UN No. (IMDG)	3092
UN No. (ICAO)	3092

14.2. UN proper shipping name

Proper shipping name (ADR/RID)	1-METHOXY-2-PROPANOL
Proper shipping name (IMDG)	1-METHOXY-2-PROPANOL
Proper shipping name (ICAO)	1-METHOXY-2-PROPANOL
Proper shipping name (ADN)	1-METHOXY-2-PROPANOL

14.3. Transport hazard class(es)

ADR/RID class	3
ADR/RID subsidiary risk	
ADR/RID label	3
IMDG class	3
IMDG subsidiary risk	
ICAO class/division	3
ICAO subsidiary risk	
Transport labels	

14.4. Packing group

ADR/RID packing group	III
IMDG packing group	III
ICAO packing group	III

14.5. Environmental hazards

14.6. Special precautions for user

EmS	F-E, S-D
Emergency Action Code	•2Y

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Hazard Identification Number 30
(ADR/RID)

Tunnel restriction code (D/E)

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**SECTION 15: Regulatory information****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****EU legislation**

Dangerous Preparations Directive 1999/45/EC. Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended).

15.2. Chemical safety assessment**SECTION 16: Other information**

Revision date 07/01/2015

Revision 1

SDS number 10403

Risk phrases in full

R10 Flammable.

R67 Vapours may cause drowsiness and dizziness.

Hazard statements in full

H226 Flammable liquid and vapour.

H336 May cause drowsiness or dizziness.

Disclaimer

This 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. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.