



## SAFETY DATA SHEET HYDRO CERAMIC SEALANT

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

#### 1.1. Product identifier

Product name HYDRO CERAMIC SEALANT

UFI UFI: 139T-V0H3-500S-EH78

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

Uses advised against No specific uses advised against are identified.

#### 1.3. Details of the supplier of the safety data sheet

Supplier ALPHA  
A1 Motor Stores  
Unit 20,  
Waterfield Way,  
Sketchley Meadows,  
Hinckley,  
LE10 3ER

#### 1.4. Emergency telephone number

Emergency telephone 01455 637031

National emergency telephone number +44 (0)870 600 6266 [UK National Poisons Control Information Service (NPIS) Center]

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

##### Classification (SI 2019 No. 720)

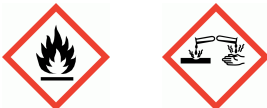
Physical hazards Flam. Liq. 3 - H226

Health hazards Skin Irrit. 2 - H315 Eye Dam. 1 - H318

Environmental hazards Not Classified

#### 2.2. Label elements

##### Hazard pictograms



Signal word Danger

Hazard statements  
H226 Flammable liquid and vapour.  
H315 Causes skin irritation.  
H318 Causes serious eye damage.

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<b>Precautionary statements</b>	<p>P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.</p> <p>P233 Keep container tightly closed.</p> <p>P240 Ground and bond container and receiving equipment.</p> <p>P241 Use explosion-proof electrical equipment.</p> <p>P242 Use non-sparking tools.</p> <p>P243 Take action to prevent static discharges.</p> <p>P264 Wash contaminated skin thoroughly after handling.</p> <p>P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.</p> <p>P302+P352 IF ON SKIN: Wash with plenty of water.</p> <p>P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.</p> <p>P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</p> <p>P310 Immediately call a POISON CENTER/ doctor.</p> <p>P321 Specific treatment (see medical advice on this label).</p> <p>P332+P313 If skin irritation occurs: Get medical advice/ attention.</p> <p>P362+P364 Take off contaminated clothing and wash it before reuse.</p> <p>P370+P378 In case of fire: Use foam, carbon dioxide, dry powder or water fog to extinguish.</p> <p>P403+P235 Store in a well-ventilated place. Keep cool.</p> <p>P501 Dispose of contents/ container in accordance with national regulations.</p>
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**Contains** Siloxanes and Silicones, 3- [(2-aminoethyl)amino]propyl Me, di-Me, hydroxyterminated

**Detergent Labelling** <5% non-ionic surfactants Preservatives: 1,2-benzisothiazol-3(2H)-one (BIT) 2-Methyl-1,2-thiazol-3(2H)-one (MIT)

### 2.3. Other hazards

#### SECTION 3: Composition/information on ingredients

#### 3.2. Mixtures

<b>propan-2-ol</b>	<b>10-30%</b>
CAS number: 67-63-0	EC number: 200-661-7
<b>Classification</b>	
Flam. Liq. 2 - H225	
Eye Irrit. 2 - H319	
STOT SE 3 - H336	
<b>2-butoxyethanol</b>	<b>5-10%</b>
CAS number: 111-76-2	EC number: 203-905-0
<b>Classification</b>	
Acute Tox. 4 - H302	
Acute Tox. 4 - H312	
Acute Tox. 4 - H332	
Skin Irrit. 2 - H315	
Eye Irrit. 2 - H319	

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<b>Siloxanes and Silicones, 3- [(2-aminoethyl)amino]propyl Me, di-Me, hydroxyterminated</b> CAS number: 75718-16-0	<b>1-5%</b>
<b>Classification</b> Skin Corr. 1A - H314	<b>Classification (67/548/EEC or 1999/45/EC)</b> C; R35
<b>3-butoxypropan-2-ol</b> CAS number: 5131-66-8                      EC number: 225-878-4	<b>1-5%</b>
<b>Classification</b> Skin Irrit. 2 - H315 Eye Irrit. 2 - H319	<b>Classification (67/548/EEC or 1999/45/EC)</b> Xi; R36/38
<b>methanol</b> CAS number: 67-56-1                      EC number: 200-659-6	<b>&lt;1%</b>
<b>Classification</b> Flam. Liq. 2 - H225 Acute Tox. 3 - H301 Acute Tox. 3 - H311 Acute Tox. 3 - H331 STOT SE 1 - H370	<b>Classification (67/548/EEC or 1999/45/EC)</b> F; R11. T; R39/23/24/25, R23/24/25

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

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

<b>General information</b>	If in doubt, get medical attention promptly.
<b>Inhalation</b>	Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Get medical attention if any discomfort continues.
<b>Ingestion</b>	Give plenty of water to drink. Move affected person to fresh air at once. Get medical attention if any discomfort continues.
<b>Skin contact</b>	Remove contaminated clothing immediately and wash skin with soap and water. Rinse with water.
<b>Eye contact</b>	Remove affected person from source of contamination. Rinse with water. Remove contact lenses, if present and easy to do. Continue rinsing. Continue to rinse for at least 10 minutes. Get medical attention if any discomfort continues.
<b>Protection of first aiders</b>	First aid personnel should wear appropriate protective equipment during any rescue.

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

<b>General information</b>	Persons suffering from asthma, eczema or skin problems should avoid contact, including dermal contact, with this product.
<b>Inhalation</b>	May cause discomfort. May be harmful if inhaled.
<b>Ingestion</b>	A single exposure may cause the following adverse effects: Nausea, vomiting. May be harmful if swallowed.

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<b>Skin contact</b>	May be harmful in contact with skin. May cause discomfort. Prolonged and frequent contact may cause redness and irritation.
<b>Eye contact</b>	May be slightly irritating to skin and eyes. Prolonged or repeated exposure may cause severe irritation.

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

<b>Notes for the doctor</b>	Treat symptomatically.
<b>Specific treatments</b>	Not applicable.

## SECTION 5: Firefighting measures

### **5.1. Extinguishing media**

<b>Suitable extinguishing media</b>	Use fire-extinguishing media suitable for the surrounding fire.
<b>Unsuitable extinguishing media</b>	None known.

### **5.2. Special hazards arising from the substance or mixture**

<b>Specific hazards</b>	The product is flammable.
<b>Hazardous combustion products</b>	None known. Thermal decomposition or combustion products may include the following substances: Oxides of carbon. Oxides of nitrogen.

### **5.3. Advice for firefighters**

<b>Protective actions during firefighting</b>	Avoid breathing fire gases or vapours.
<b>Special protective equipment for firefighters</b>	Firefighter's clothing will provide a basic level of protection for chemical incidents.

## SECTION 6: Accidental release measures

### **6.1. Personal precautions, protective equipment and emergency procedures**

<b>Personal precautions</b>	Avoid contact with eyes and prolonged skin contact.
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### **6.2. Environmental precautions**

<b>Environmental precautions</b>	No negative effects on the aquatic environment are known. Not regarded as dangerous for the environment.
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### **6.3. Methods and material for containment and cleaning up**

<b>Methods for cleaning up</b>	Contain spillage with sand, earth or other suitable non-combustible material. Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.
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### **6.4. Reference to other sections**

<b>Reference to other sections</b>	For personal protection, see Section 8. For waste disposal, see Section 13.
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## SECTION 7: Handling and storage

### **7.1. Precautions for safe handling**

<b>Usage precautions</b>	Avoid contact with skin, eyes and clothing. Avoid contact with eyes and prolonged skin contact.
<b>Advice on general occupational hygiene</b>	Clean equipment and the work area every day. Wash hands and any other contaminated areas of the body with soap and water before leaving the work site. Wash contaminated clothing before reuse.

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### 7.2. Conditions for safe storage, including any incompatibilities

**Storage precautions** Keep only in the original container. Keep container tightly closed in a cool place.

### 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

##### **propan-2-ol**

EH40 WEL, Time Weighted Average (TWA): 400ppm, 999mg/m<sup>3</sup>

EH40 WEL, Short Term Exposure Limit (STEL): 500ppm, 1250 mg/m<sup>3</sup>

ELV (IE), Short Term Exposure Limit (STEL): 400 ppm

ELV (IE), Time Weighted Average (TWA): 200 ppm

##### **2-butoxyethanol**

Long-term exposure limit (8-hour TWA): WEL 25 ppm 123 mg/m<sup>3</sup>

Short-term exposure limit (15-minute): WEL 50 ppm 246 mg/m<sup>3</sup>

Sk

##### **methanol**

Long-term exposure limit (8-hour TWA): WEL 200 ppm 266 mg/m<sup>3</sup>

Short-term exposure limit (15-minute): WEL 250 ppm 333 mg/m<sup>3</sup>

Sk

Sk = Can be absorbed through the skin.

#### propan-2-ol (CAS: 67-63-0)

<b>DNEL</b>	Workers - Dermal; Long term systemic effects: 888 mg/kg/day
	Workers - Inhalation; Long term systemic effects: 500 mg/m <sup>3</sup>
	Consumer - Dermal; Long term systemic effects: 319 mg/kg/day
	Consumer - Inhalation; Long term systemic effects: 89 mg/m <sup>3</sup>
	Consumer - Oral; Long term systemic effects: 26 mg/kg/day

<b>PNEC</b>	- Fresh water; 140.9 mg/l
	- marine water; 140.9 mg/l
	- Intermittent release; 140.9 mg/l
	- STP; 2251 mg/l
	- Sediment; 552 mg/kg
	- Soil; 28 mg/kg

#### 2-butoxyethanol (CAS: 111-76-2)

<b>Ingredient comments</b>	WEL = Workplace Exposure Limit
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<b>DNEL</b>	<p>Industry - Dermal; Short term systemic effects: 89 mg/kg/day          Industry - Inhalation; Short term systemic effects: 1091 mg/m<sup>3</sup>          Industry - Inhalation; Short term local effects: 246 mg/m<sup>3</sup>          Industry - Dermal; Long term systemic effects: 125 mg/kg/day          Industry - Inhalation; Long term systemic effects: 98 mg/m<sup>3</sup>          Consumer - Inhalation; Short term systemic effects: 426 mg/m<sup>3</sup>          Consumer - Oral; Short term systemic effects: 26.7 mg/kg/day          Consumer - Dermal; Short term systemic effects: 89 mg/kg/day          Consumer - Dermal; Long term systemic effects: 75 mg/kg/day          Consumer - Inhalation; Long term local effects: 147 mg/m<sup>3</sup>          Consumer - Inhalation; Long term systemic effects: 59 mg/m<sup>3</sup>          Consumer - Oral; Long term systemic effects: 6.3 mg/kg/day</p>
<b>PNEC</b>	<p>Fresh water; 8.8 mg/l          marine water; 0.88 mg/l          Sediment (Freshwater); 8.14 mg/kg          Sediment (Marinewater); 3.46 mg/kg          Soil; 2.8 mg/kg          STP; 463 mg/l</p>

### methanol (CAS: 67-56-1)

<b>DNEL</b>	<p>Industry - Dermal; Long term systemic effects: 40 mg/kg/day          Industry - Inhalation; Long term systemic effects: 260 mg/m<sup>3</sup>          Industry - Dermal; Short term systemic effects: 40 mg/kg/day          Industry - Inhalation; Short term systemic effects: 260 mg/m<sup>3</sup>          Consumer - Dermal; Long term systemic effects: 8 mg/kg/day          Consumer - Inhalation; Long term systemic effects: 50 mg/m<sup>3</sup>          Consumer - Dermal; Short term systemic effects: 8 mg/kg/day          Consumer - Inhalation; Short term systemic effects: 50 mg/m<sup>3</sup>          Consumer - Oral; Short term systemic effects: 8 mg/kg/day</p>
<b>PNEC</b>	<p>Sediment; 570.4 mg/kg          Soil; 23.5 mg/kg          STP; 100 mg/l          Fresh water; 154 mg/l          marine water; 15.4 mg/l          Intermittent release; 1540 mg/l</p>

## 8.2. Exposure controls

### Protective equipment



#### Appropriate engineering controls

Avoid inhalation of vapours and spray/mists. Observe any occupational exposure limits for the product or ingredients.

#### Eye/face protection

Contact lenses should not be worn when working with this chemical. Chemical splash goggles.

#### Hand protection

Wear protective gloves. To protect hands from chemicals, wear gloves that are proven to be impervious to the chemical and resist degradation.

#### Other skin and body protection

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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<b>Hygiene measures</b>	Good personal hygiene procedures should be implemented. Do not eat, drink or smoke when using this product. Eye wash facilities and emergency shower must be available when handling this product. Wash promptly with soap and water if skin becomes contaminated. Wash contaminated clothing before reuse.
<b>Respiratory protection</b>	Respiratory protection complying with an approved standard should be worn if a risk assessment indicates inhalation of contaminants is possible.
<b>Environmental exposure controls</b>	Keep container tightly sealed when not in use.

### SECTION 9: Physical and chemical properties

#### 9.1. Information on basic physical and chemical properties

<b>Appearance</b>	Opaque liquid.
<b>Colour</b>	White.
<b>Odour</b>	Alcoholic.
<b>pH</b>	pH (concentrated solution): 4.5-5.5
<b>Flash point</b>	~ 40°C
<b>Relative density</b>	0.98 @ 20°C
<b>Solubility(ies)</b>	Soluble in water.

#### 9.2. Other information

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

<b>Reactivity</b>	There are no known reactivity hazards associated with this product.
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#### 10.2. Chemical stability

<b>Stability</b>	Stable at normal ambient temperatures and when used as recommended.
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#### 10.3. Possibility of hazardous reactions

<b>Possibility of hazardous reactions</b>	None known.
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#### 10.4. Conditions to avoid

<b>Conditions to avoid</b>	Avoid exposure to high temperatures or direct sunlight. Avoid freezing.
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#### 10.5. Incompatible materials

<b>Materials to avoid</b>	Strong oxidising agents. Strong reducing agents. Alkalis.
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#### 10.6. Hazardous decomposition products

<b>Hazardous decomposition products</b>	May emit toxic fumes under fire conditions.
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### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

##### Acute toxicity - oral

<b>ATE oral (mg/kg)</b>	14,192.14
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##### Acute toxicity - dermal

<b>ATE dermal (mg/kg)</b>	13,681.59
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### Acute toxicity - inhalation

ATE inhalation (vapours mg/l) 136.82

<b>Inhalation</b>	Vapours may irritate throat/respiratory system. May be harmful if inhaled.
<b>Ingestion</b>	May cause discomfort if swallowed. May be harmful if swallowed.
<b>Skin contact</b>	Prolonged skin contact may cause redness and irritation. May be harmful in contact with skin.
<b>Eye contact</b>	May cause irritation. May cause serious eye damage.

### SECTION 12: Ecological information

**Ecotoxicity** The product is not expected to be hazardous to the environment.

#### 12.1. Toxicity

#### 12.2. Persistence and degradability

#### 12.3. Bioaccumulative potential

#### 12.4. Mobility in soil

**Mobility** The product is soluble in water.

#### 12.5. Results of PBT and vPvB assessment

**Results of PBT and vPvB assessment** This product does not contain any substances classified as PBT or vPvB.

#### 12.6. Other adverse effects

**Other adverse effects** None known.

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

**General information** Dispose of waste product or used containers in accordance with local regulations

### SECTION 14: Transport information

#### 14.1. UN number

UN No. (ADR/RID) 1987

UN No. (IMDG) 1987

UN No. (ICAO) 1987

UN No. (ADN) 1987

#### 14.2. UN proper shipping name

**Proper shipping name (ADR/RID)** ALCOHOLS, N.O.S. (ISOPROPANOL)

**Proper shipping name (IMDG)** ALCOHOLS, N.O.S. (ISOPROPANOL)

**Proper shipping name (ICAO)** ALCOHOLS, N.O.S. (ISOPROPANOL)

**Proper shipping name (ADN)** ALCOHOLS, N.O.S. (ISOPROPANOL)

#### 14.3. Transport hazard class(es)

**ADR/RID class** 3

**ADR/RID classification code** F1



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ADR/RID label	3
IMDG class	3
ICAO class/division	3
ADN class	3

### Transport labels



### 14.4. Packing group

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

### 14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant

No.

### 14.6. Special precautions for user

EmS	F-E, S-D
ADR transport category	3
Emergency Action Code	•3Y
Hazard Identification Number (ADR/RID)	30
Tunnel restriction code	(D/E)

### 14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

#### SECTION 15: Regulatory information

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

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

#### SECTION 16: Other information

General information	Only trained personnel should use this material.
Issued by	HS&E Manager.
Revision date	18/04/2023
Revision	4
Supersedes date	15/01/2020
SDS number	9807

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<b>Hazard statements in full</b>	H225 Highly flammable liquid and vapour. H226 Flammable liquid and vapour. H301 Toxic if swallowed. H302 Harmful if swallowed. H311 Toxic in contact with skin. H312 Harmful in contact with skin. H314 Causes severe skin burns and eye damage. H315 Causes skin irritation. H318 Causes serious eye damage. H319 Causes serious eye irritation. H331 Toxic if inhaled. H332 Harmful if inhaled. H336 May cause drowsiness or dizziness. H370 Causes damage to organs (Eyes, Central nervous system).
<b>Code</b>	9133
<b>Other Information</b>	

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.