



## SAFETY DATA SHEET UHD CERAMIC COATING

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

#### 1.1. Product identifier

Product name UHD CERAMIC COATING

Internal identification TBA

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

Identified uses Water repellent coating for motor vehicles

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

Supplier Autoglym  
Works Road  
Letchworth  
Herts  
SG6 1LU  
UK  
+44 (0)1462 677766  
+44 (0)1462 677712  
sds@autoglym.com

#### 1.4. Emergency telephone number

Emergency telephone +44 (0) 1462 489498 (24Hrs)

### SECTION 2: Hazards identification

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

##### Classification (EC 1272/2008)

Physical hazards Flam. Liq. 3 - H226

Health hazards Eye Dam. 1 - H318 STOT SE 3 - H336 Asp. Tox. 1 - H304

Environmental hazards Not Classified

#### 2.2. Label elements

##### Pictogram



##### Signal word

Danger

##### Hazard statements

H226 Flammable liquid and vapour.  
H304 May be fatal if swallowed and enters airways.  
H318 Causes serious eye damage.  
H336 May cause drowsiness or dizziness.

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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>P261 Avoid breathing vapours.</p> <p>P280 Wear protective gloves, eye and face protection.</p> <p>P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor.</p> <p>P331 Do NOT induce vomiting.</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>P102 Keep out of reach of children.</p>
<b>Supplemental label information</b>	EUH066 Repeated exposure may cause skin dryness or cracking.
<b>Contains</b>	Naptha (Petroleum), Hydrotreated Heavy, Distillates (petroleum), hydrotreated light, Dimethyl, (Aminoethylaminopropyl)methyl Siloxane, Trimethylsiloxy-terminated
<b>Supplementary precautionary statements</b>	<p>P405 Store locked up.</p> <p>P501 Dispose of contents/ container in accordance with national regulations.</p>

### 2.3. Other hazards

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

##### 3.2. Mixtures

<b>Naptha (Petroleum), Hydrotreated Heavy</b>		<b>60-100%</b>
CAS number: 64742-48-9	EC number: 265-150-3	REACH registration number: 01-2119486659-16-XXXX
<b>Classification</b>		
Flam. Liq. 3 - H226		
STOT SE 3 - H336		
Asp. Tox. 1 - H304		
<b>Distillates (petroleum), hydrotreated light</b>		<b>30-60%</b>
CAS number: 64742-47-8	EC number: 265-149-8	REACH registration number: 01-2119484819-18-XXXX
<b>Classification</b>		
Asp. Tox. 1 - H304		
<b>Decamethylcyclopentasiloxane</b>		<b>5-10%</b>
CAS number: 541-02-6	EC number: 208-764-9	REACH registration number: 01-2119511367-43-XXXX
<b>Classification</b>		
Not Classified		

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<b>Dimethyl, (Aminoethylaminopropyl)methyl Siloxane, Trimethylsiloxy-terminated</b>	<b>5-10%</b>
CAS number: 71750-79-3                      EC number: 615-336-9	
<b>Classification</b> Skin Irrit. 2 - H315 Eye Dam. 1 - H318	

The full text for all hazard statements is displayed in Section 16.

**Composition comments**              Solvent contains <0.1% Benzene (CAS No. 71-43-2)

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

<b>Inhalation</b>	Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing.
<b>Ingestion</b>	Do not induce vomiting. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention immediately.
<b>Skin contact</b>	Wash skin thoroughly with soap and water or use an approved skin cleanser.
<b>Eye contact</b>	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Continue to rinse for at least 15 minutes and get medical attention.

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

<b>Inhalation</b>	The product contains organic solvents. Vapours may cause drowsiness and dizziness. May cause damage to mucous membranes in nose, throat, lungs and bronchial system.
<b>Ingestion</b>	Aspiration hazard if swallowed. Entry into the lungs following ingestion or vomiting may cause chemical pneumonitis. May cause discomfort. Nausea, vomiting. Diarrhoea.
<b>Skin contact</b>	Prolonged contact may cause redness, irritation and dry skin.
<b>Eye contact</b>	Causes serious eye damage.

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

**Specific treatments**                      Treat symptomatically.

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

<b>Suitable extinguishing media</b>	Use alcohol-resistant foam, carbon dioxide or dry powder to extinguish.
<b>Unsuitable extinguishing media</b>	Do not use water jet as an extinguisher, as this will spread the fire.

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

<b>Specific hazards</b>	Flammable liquid and vapour. Vapours are heavier than air and may spread near ground and travel a considerable distance to a source of ignition and flash back.
<b>Hazardous combustion products</b>	Thermal decomposition or combustion products may include the following substances: Toxic gases or vapours. Carbon dioxide (CO <sub>2</sub> ). Carbon monoxide (CO).

#### 5.3. Advice for firefighters

**Protective actions during firefighting**                      Do not use water jet as an extinguisher, as this will spread the fire. Keep upwind to avoid inhalation of gases, vapours, fumes and smoke.

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**Special protective equipment 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

**Personal precautions**      Avoid contact with skin, eyes and clothing. No smoking, sparks, flames or other sources of ignition near spillage. Avoid inhalation of vapours.

#### 6.2. Environmental precautions

**Environmental precautions**      Do not allow to enter drainage system, surface or ground water.  
Prevent material from reaching sewage system, holes and cellars.

#### 6.3. Methods and material for containment and cleaning up

**Methods for cleaning up**      Absorb small quantities with paper towels and evaporate in a safe place. Absorb spillage with non-combustible, absorbent material. No smoking, sparks, flames or other sources of ignition near spillage.

#### 6.4. Reference to other sections

**Reference to other sections**      For personal protection, see Section 8.

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

**Usage precautions**      For personal protection, see Section 8.

**Advice on general occupational hygiene**      Do not eat, drink or smoke when using this product. Provide eyewash station. Wash hands thoroughly after handling.

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

**Storage precautions**      Store at room temperature. Store in accordance with local regulations.

#### 7.3. Specific end use(s)

### SECTION 8: Exposure controls/Personal protection

#### 8.1. Control parameters

##### Occupational exposure limits

##### **Decamethylcyclopentasiloxane**

LTEL (8HR TWA): 10ppm

#### 8.2. Exposure controls

##### **Protective equipment**



**Appropriate engineering controls**      Avoid inhalation of vapours.

**Eye/face protection**      Wear eye protection. EN 166:2001

**Hand protection**      To protect hands from chemicals, gloves should comply with European Standard EN374. Wear protective gloves made of the following material: Nitrile rubber. The breakthrough time for any glove material may be different for different glove manufacturers.

**Hygiene measures**      Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product.

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### SECTION 9: Physical and chemical properties

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

<b>Appearance</b>	Liquid.
<b>Colour</b>	Colourless.
<b>Odour</b>	Organic solvents.
<b>pH</b>	Not applicable.
<b>Melting point</b>	No information available.
<b>Initial boiling point and range</b>	150 - 205°C
<b>Flash point</b>	~ 45°C Setaflash closed cup.
<b>Evaporation rate</b>	No information available.
<b>Evaporation factor</b>	No information available.
<b>Upper/lower flammability or explosive limits</b>	No information available.
<b>Other flammability</b>	No information available.
<b>Vapour pressure</b>	No information available.
<b>Vapour density</b>	No information available.
<b>Relative density</b>	~ 0.8
<b>Solubility(ies)</b>	Insoluble in water.
<b>Partition coefficient</b>	No information available.
<b>Auto-ignition temperature</b>	No information available.
<b>Decomposition Temperature</b>	No information available.
<b>Viscosity</b>	1.39 m <sup>2</sup> /s @ 40°C
<b>Explosive properties</b>	No information available.

#### 9.2. Other information

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

**Reactivity** There are no known reactivity hazards associated with this product.

#### 10.2. Chemical stability

**Stability** Stable at normal ambient temperatures and when used as recommended.

#### 10.3. Possibility of hazardous reactions

**Possibility of hazardous reactions** Under normal conditions of storage and use, no hazardous reactions will occur.

#### 10.4. Conditions to avoid

**Conditions to avoid** Avoid heat, flames and other sources of ignition.

#### 10.5. Incompatible materials

**Materials to avoid** Avoid contact with the following materials: Strong acids. Strong oxidising agents.

#### 10.6. Hazardous decomposition products

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**Hazardous decomposition products**      None at ambient temperatures.

### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

##### Skin corrosion/irritation

**Skin corrosion/irritation**      Irritating to skin.

##### Serious eye damage/irritation

**Serious eye damage/irritation**      Causes serious eye damage.

##### Aspiration hazard

**Aspiration hazard**      May be harmful if swallowed and enters airways. Entry into the lungs following ingestion or vomiting may cause chemical pneumonitis.

### SECTION 12: Ecological information

#### 12.1. Toxicity

**Toxicity**      Not determined.

#### 12.2. Persistence and degradability

**Phototransformation**      Not determined.

**Stability (hydrolysis)**      Not determined.

**Biodegradation**      Expected to be readily biodegradable.

**Biological oxygen demand**      Not determined.

#### 12.3. Bioaccumulative potential

**Partition coefficient**      No information available.

#### 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, residues, empty containers, discarded work clothes and contaminated cleaning materials should be collected in designated containers, labelled with their contents.

**Disposal methods**      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)**      1993

**UN No. (IMDG)**      1993

**UN No. (ICAO)**      1993

**UN No. (ADN)**      1993

#### 14.2. UN proper shipping name

**Proper shipping name (ADR/RID)**      FLAMMABLE LIQUID, N.O.S. (Naptha(Petroleum) Hydrotreated Heavy)

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**Proper shipping name (IMDG)** FLAMMABLE LIQUID, N.O.S. (Naptha(Petroleum) Hydrotreated Heavy)

**Proper shipping name (ICAO)** FLAMMABLE LIQUID, N.O.S. (Naptha(Petroleum) Hydrotreated Heavy)

**Proper shipping name (ADN)** FLAMMABLE LIQUID, N.O.S. (Naptha(Petroleum) Hydrotreated Heavy)

### 14.3. Transport hazard class(es)

<b>ADR/RID class</b>	3
<b>ADR/RID classification code</b>	F1
<b>ADR/RID label</b>	3
<b>IMDG class</b>	3
<b>ICAO class/division</b>	3
<b>ADN class</b>	3

### Transport labels



### 14.4. Packing group

<b>ADR/RID packing group</b>	III
<b>IMDG packing group</b>	III
<b>ICAO packing group</b>	III
<b>ADN packing group</b>	III

### 14.5. Environmental hazards

**Environmentally hazardous substance/marine pollutant**

No.

### 14.6. Special precautions for user

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

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

**Transport in bulk according to** Not applicable.

**Annex II of MARPOL 73/78 and the IBC Code**

## SECTION 15: Regulatory information

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

## UHD CERAMIC COATING

**EU legislation** Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended).  
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

<b>Revision date</b>	22/05/2019
<b>Revision</b>	2
<b>SDS number</b>	22337
<b>Hazard statements in full</b>	H226 Flammable liquid and vapour. H304 May be fatal if swallowed and enters airways. H315 Causes skin irritation. H318 Causes serious eye damage. H336 May cause drowsiness or dizziness.
<b>Signature</b>	Daniel Higgs

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.