



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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Precautionary statements	<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>
Supplemental label information	EUH066 Repeated exposure may cause skin dryness or cracking.
Contains	Naptha (Petroleum), Hydrotreated Heavy, Distillates (petroleum), hydrotreated light, Dimethyl, (Aminoethylaminopropyl)methyl Siloxane, Trimethylsiloxo-terminated
Supplementary precautionary statements	<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

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

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Dimethyl, (Aminoethylaminopropyl)methyl Siloxane, Trimethylsiloxy-terminated	5-10%
CAS number: 71750-79-3 EC number: 615-336-9	
Classification 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

Inhalation	Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing.
Ingestion	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.
Skin contact	Wash skin thoroughly with soap and water or use an approved skin cleanser.
Eye contact	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

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

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	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.
Hazardous combustion products	Thermal decomposition or combustion products may include the following substances: Toxic gases or vapours. Carbon dioxide (CO ₂). 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

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

ADR/RID class	3
ADR/RID classification code	F1
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-E
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

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

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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

Revision date	22/05/2019
Revision	2
SDS number	22337
Hazard statements in full	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.
Signature	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.