

in accordance with Regulation (EC) No 1907/2006 of the European Parliament as amended

## **SAPPHIRE Ceramic Spray Coat**

Prepared on 30/03/2021

Updated on Version number 1.0

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

I. Product identifier SAPPHIRE Ceramic Spray Coat

Substance / mixture mixture

UFI NM00-G061-400J-FEPW

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

Intended uses of the mixture

Cleaning agent.

### Uses of the mixture advised against

Do not use for uses other than those indicated in section 1.

Main intended use

PC-CLN-17.2 Exterior care products – all vehicle types

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

Supplier

Name or business name AUTO-BLAK Sp. z.o.o

Address Farbiarska 25a, 02-862 Warsaw, Poland

 NIP No.
 PL1230950444

 Telephone No.
 +48 22 899 19 66

 E-mail
 serwis@auto-blak.pl

E-mail address of the competent person responsible for the Safety Data Sheet

Name Auto Graph Detailing
E-mail hello@auto-graph.eu

4. Emergency telephone number

112

### **SECTION 2: Hazards identification**

### 1. Classification of the substance or mixture

### Classification of the mixture in accordance with Regulation (EC) No. 1272/2008

The mixture is not classified as hazardous in accordance with Regulation (EC) No. 1272/2008. Full text of

all classifications and H statements is provided in section 16.

### The most serious negative effects on human health and the environment

Causes serious eye irritation.

### 2. Label elements

### **Additional information**

<5 % anionic surfactants, <5 % aliphatic hydrocarbons, aromatic compositions not present

### 3. Other hazards

The mixture does not contain substances with endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605. The mixture does not contain any substance meeting the criteria for PBT or vPvB in accordance with Annex XIII of Regulation (EC) No. 1907/2006 (REACH) as amended.



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

#### Mixtures

#### Chemical description

Mixture of substances and additives specified below.

The mixture contains the following hazardous substances and substances with specified occupational exposure limits

CXPOSUIC IIIIILS				
Identification numbers	Substance name	Content in % weight	Classification in accordance with Regulation (EC) No.	Note
EC: 926-141-6 Registration number:	Hydrocarbons, C11-14, n-alkanes, cyclic <2% aromatic isoalkanes	2	1272/2008 Asp. Tox. 1, H304	
01-2119456620-43 Index: 603-098-00-9 CAS: 122-99-6	2-	≤0.1	Acute Tox. 4, H302 Eye Irrit. 2, H319	1
EC: 204-589-7 Index: 601-017-00-1 CAS: 110-82-7 EC: 203-806-2	cyclohexane	0.00025- 0.001	Flam. Liq. 2, H225 Asp. Tox. 1, H304 Skin Irrit. 2, H315 STOT SE 3, H336 Aquatic Acute 1, H400 (M=1)	1, 2

#### Notes

- 1. Substance with a Community workplace exposure limit.
- 2. The use of the substance is restricted in Annex XVII of the REACH Regulation Full

text of all classifications and H statements is provided in section 16.

### **SECTION 4: First aid measures**

### Description of first aid measures

Take care of your own safety. If any health problems are manifested or if in doubt, inform a physician and show them information from the product safety data sheet.

### Inhalation

Stop exposure immediately, remove victim to fresh air.

### Skin contact

Rinse the contact area with a large volume of - if possible - lukewarm water. If the skin is not injured, you can use soap, soapy water or shampoo.

### Eye contact

Rinse eyes immediately with a stream of water, lift the eyelids (even with force); if the victim wears contact lenses, remove them immediately. Rinse eyes immediately with a stream of water, lift the eyelids (even with force); if the victim wears contact lenses, remove them immediately. Rinse for at least 10 minutes. Rinse out for at least 10 minutes. Provide medical and, if possible, specialist care.

### Ingestion

DO NOT INDUCE VOMITING - Even induction of vomiting alone can cause complications, for example in the case of detergents and other foam-producing substances.

# 2. Most important symptoms, acute and delayed and effects of exposure Inhalation

Not expected.

### Skin contact

Not expected.

### Eye contact

Causes serious eye irritation. **Ingestion** Irritation, nausea.

### 3. Indication of immediate medical attention and special treatment needed, if necessary

Symptomatic treatment



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### **SECTION 5: Firefighting measures**

### 1. Extinguishing media

### Suitable extinguishing media

Alcohol-resistant foam, carbon dioxide, powder, water spray, water mist.

### Not suitable extinguishing media

Water - full jet.

### 2. Specific hazards arising from the substance or mixture

In the event of fire, carbon monoxide, carbon dioxide and other toxic gases may arise. Inhalation of hazardous degradation (pyrolysis) products may cause serious health damage.

### 3. Advice for firefighter

Self-Contained Breathing Apparatus (SCBA) with a chemical protection suit only where personal (close) contact is likely. Use a self-contained breathing apparatus and full-body protective clothing. Do not allow contaminated fire extinguishing material to enter drains or surface and ground water.

### SECTION 6: Accidental release measures

### 1. Personal precautions, protective equipment and emergency procedures

Use personal protective equipment for work. Follow the instructions provided in Sections 7 and 8. Prevent contact with skin and eyes.

### 2. Environmental precautions

Prevent contamination of the soil and entering surface or ground water.

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

Cover spilled product with suitable (non-flammable) absorbent material (sand, silica, soil and other suitable absorbent materials, etc.); collect in well-closed containers and dispose of according to Section 13. In the event of leakage of the substantial amount of the product, inform the fire brigade and other

competent authorities. After removal of the product, wash the contaminated site with plenty of water. Do not use solvents.

### 4. Reference to other sections

See sections 7, 8 and 13.

### SECTION 7: Handling and storage of substances and mixtures

### 1. Precautions for safe handling

Prevent the formation of gases and vapours in concentrations exceeding the occupational exposure limits. Prevent contact with skin and eyes. Wash hands and affected body parts thoroughly after handling. Use personal protective equipment in accordance with Section 8. Observe valid legal regulations on safety and health protection.

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

Store in tightly closed containers in a dedicated, cool, dry and well ventilated place.

Content	Type of packaging	Packaging material
500 ml	bottle	HDPE
1,000 ml	bottle	HDPE
5	canister	HDPE
10	canister	HDPE
25	canister	HDPE
20	canister	HDPE
30	canister	HDPE
100	barrel	HDPE
200	barrel	HDPE
750 ml	barrel	HDPE

### 3. Specific end use(s)

data not available



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### SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

The mixture contains substances for which occupational exposure limits are set.

Poland Journal of Laws 2018

Substance name (ingredients)	Туре	Value	Note
2-phenoxyethanol (CAS:	TLV	230 mg/m <sup>3</sup>	
pudahayana (CAS, 110, 92, 7)	TLV	300 mg/m³	Labelling the substance with the notation
cyclohexane (CAS: 110-82-7)	STEL	1,000 mg/	means that the absorption of the substance through the skin may be as important as in the

item 1286

**DNEL** 

2-

phenoxyethanol Workers /	Route of exposur	e Value	Effect	Determining method
consumers				
Workers	Inhalation	   <del>5.7 mg/m³                                  </del>	Systemic chronic effects Local	
Workers	Inhalation	5.7 mg/m <sup>3</sup> air	chronic effects Systemic chronic	
Workers	Dermal Inhalation	<del>20.83 mg/kg</del> bw/day	effects Systemic chronic effects	
Consumers	Inhalation	<del>2.41 mg/m³</del> air	Local chronic effects Systemic	
Consumers	Dermal	<del>2.41 mg/m³</del> air	chronic effects Systemic chronic	
Consumers	Ingestion Ingestion	10.42 mg/kg bw/day	effects	
Consumers		9.23 mg/kg bw/day	Short-term systemic effects	

Consumers 9.23 mg/kg bw/day

## 8.2. Exposure controls

Do not eat, drink and smoke during work. Wash your hands thoroughly with water and soap after work and before breaks for a meal and rest.

### Eye protection

Protective goggles.

### Skin protection

Hand protection: Protective gloves resistant to the product. Contaminated skin should be washed thoroughly.

### **Respiratory protection**

A half-mask with a filter against organic vapours, or an isolating respirator in the event of exceeding the level of the substance or in an environment with poor ventilation.

### Thermal hazard

Data not available.

### **Environmental exposure control**

Observe usual measures for the protection of the environment, see Section 6.2.

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**SECTION 9: Physical and chemical properties** 

1. Information on basic physical and chemical properties



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Physical state liquid
Colour blue
Odour data not available

Melting point/freezing point data not available
Boiling point or initial boiling point data not available and boiling range
Flammability of the materials data not available
Lower and upper explosive limit data not available
Flash point data not available
Autoignition temperature data not available

Decomposition temperature data not available pH 6-8 (undiluted)
Kinematic viscosity data not available
Solubility in water data not available

Partition coefficient: n-octanol/water (log value) data not available

Vapour pressure data not available

Density or relative density

density 0.9-1.2 g/cm³ at 20 °C Relative vapour density data not available Particle characteristics data not available

2. Other information

data not available

### **SECTION 10: Stability and reactivity**

### 1. Reactivity

data not available

### 2. Chemical stability

The product is stable under normal conditions.

### 3. Possibility of hazardous reactions

Unknown

### 4. Conditions to avoid

The product is stable and no degradation occurs under normal use. Protect against flames, sparks, overheating and against frost.

### 5. Incompatible materials

Protect against strong acids and bases as well as oxidising agents.

### 6. Hazardous decomposition products

Under normal conditions of use, hazardous decomposition products should not be produced. Dangerous products such as carbon monoxide and carbon dioxide are formed at high temperature and in fire.

### **SECTION 11: Toxicological information**

## 1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Inhalation of solvent vapours above the occupational exposure limits may lead to acute inhalation poisoning, depending on the concentration level and duration of exposure. No toxicological data is available for the mixture.

### **Acute toxicity**

Based on available data the classification criteria are not met.

### 2-phenoxyethanol

Route of exposure	Parameter	Method	Value	Time of exposure	Species	Sex
Inhalation	LC LD		OECD 412	>1,0	of air	6 hours
Dermal	30 50			00 mg/	>2214 mg/kg	

m<sup>3</sup>



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Rat (Rattus norvegicus)

F/M

Rabbit F/M



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2-phenoxyethanol

Route of exposure Parameter	Method	Value	Time of exposure	Species	Sex
Ingestion LD <sub>50</sub>	OECD 401	1840 mg/kg		Rat (Rattus F	

cyclohexane

Route of exposure	Method	Value	Time of Speci exposure	es	Sex
LD <sub>50</sub>		>2000 mg/kg		Rat	
Ingestion LD		> 5,000 mg/ kg bw/day		Rat	F/M

### Skin corrosion/irritation

Based on available data the classification criteria are not met.

### Serious eye damage/irritation

Causes serious eye

irritation, 2-

BANGENBASHLE	Result	Method	Time of exposure	Species
Eyes	Irritating	OECD 405	360	Rabbi

cyclohexane

Route of	Result	Method	Time of exposure	Species
	Slightly			Rabbit

### Respiratory or skin sensitisation

Based on available data the classification criteria are not

met. cyclohexane

Route of	Result	Time of exposure	Species	Sex
	Not irritating			

### Germ cell mutagenicity

Based on available data the classification criteria are not met.

### Carcinogenicity

Based on available data the classification criteria are not met.

### Reproductive toxicity

Based on available data the classification criteria are not met.

## Specific target organ toxicity - single exposure

Based on available data the classification criteria are not met.

### Specific target organ toxicity - repeated exposure

Based on available data the classification criteria are not

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	met. cyclohexane						
- 1	Route of exposure		Value	Result	Species	Sex	
	rarameter		500 mg/l		Mouse		



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### cyclohexane

Route of exposure	Value	Result	Species	Sex
rarameter	2000 ppm		Mouse	

### **Aspiration hazard**

Based on available data the classification criteria are not met.

### 2. Information on other hazards

data not available

### **SECTION 12: Ecological information**

### 1. Toxicity

### **Acute toxicity**

Data for the mixture are not

available. cyclohexane

Paramete	Value	Time of exposure	Species	Environme
	3.78 mg/l	48 hours	Daphnia (Daphnia magna)	
CE <sub>50</sub>	3.4 mg/l	72	Alga	
IC <sub>50</sub>	0.9 mg/l	hours	е	
LC <sub>50</sub>	9.317 mg/l	72	Alga	

### **Chronic toxicity**

### cyclohexane

Paramete	Value	Time of exposure	Species	Environme
	0.94 mg/l	72 hours	Algae	

### 2. Persistence and degradability

The mixture is biodegradable.

### 3. Bioaccumulative potential

Data not available.

### 4. Mobility in soil

Data not available.

### 5. Results of PBT and vPvB assessment

The product does not contain any substance meeting the criteria for PBT or vPvB in accordance with Annex XIII of Regulation (EC) No. 1907/2006 (REACH) as amended.

### 6. Endocrine disrupting properties

data not available

### 7. Other adverse effects

Data not available.

### **SECTION 13: Disposal considerations**

### 13.1. Waste treatment methods

Hazard of environmental contamination; dispose of the waste in accordance with The Act of 14 December 2012 on waste (Journal of Laws of 2020, item 797, as amended) and the executive regulations on waste disposal.



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### Waste management legislation

Act of 14 December 2012 on waste (Journal of Laws of 2020, item 797, as amended). Directive 2008/98/EC of the European Parliament and of the Council of 19 November 2008 on waste, as amended. Directive 94/62/EC on packaging and packaging waste. Regulation of the Minister of Climate of 2 January 2020 on the catalogue of wastes (Journal of Laws of 2020, item 10)

### Waste type code

20 01 29 Detergents containing dangerous substances \*

### Packaging waste type code

15 01 02 Plastic packaging

(\*) - hazardous waste according to Directive 2008/98/EC on hazardous waste

#### **SECTION 14: Transport information**

1. UN number or ID number

Not subject to ADR

2. UN proper shipping name

data not available

3. Transport hazard class(es)

data not available

4. Packing group

data not available

5. Environmental hazards

not applicable

6. Special precautions for users

Reference in sections 4 to 8.

7. Maritime transport in bulk according to IMO

instruments

not applicable

### **SECTION 15: Regulatory information**

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

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), establishing the European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EC) No. 793/93 and Commission Regulation (EC) No. 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC (Journal of Laws L 396 of 30 December 2006, as amended).

Commission Regulation (EU) 2020/878 of 18 June 2020 amending Annex II to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (Journal of Laws L 203 of 26 June 2020, as amended).

REGULATION (EC) NO. 648/2004 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 31 March 2004 on detergents (Journal of Laws L 104 of 8.4.2004, as amended).

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, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No. 1907/2006 (Journal of Laws L 353 of 31 December 2008, as amended).

European agreement concerning the international carriage of dangerous goods by road (ADR), concluded in Geneva on 30 September 1957.

Act of 25 February 2011 on the chemical substances and their mixtures (Journal of Laws of 2011 No. 63 item 322, as amended). Act of 14 December 2012 on waste (Journal of Laws of 2013, item 21, as amended).

Act of 13 June 2013 on packaging management and packaging waste (Journal of Laws of 2013, item 888, as amended).

Act of 19 August 2011 on the transport of dangerous goods (Journal of Laws of 2011 No. 227, item 1367, as amended). Regulation of the minister of health of 30 December 2004 on health and safety at work associated with the presence of chemical agents in the workplace (Journal of Laws of 2005 No. 11 item 86, as amended).



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# Restriction in accordance with Annex XVII of Regulation (EC) No. 1907/2006 (REACH), as amended.

#### cyclohexane

Restriction	Conditions of restriction
57	1. Shall not be placed on the market for the first time after 27 June 2010, for supply to the general public, as a constituent of neoprene-based contact adhesives in concentrations equal to or greater than 0.1 % by weight in package sizes greater than 350 g.
	2. Neoprene-based contact adhesives containing cyclohexane and not conforming to paragraph 1 shall not be placed on the market for supply to the general public after 27 December 2010.
	3. Without prejudice to other Community legislation concerning the classification, packaging and labelling of substances and mixtures, suppliers shall ensure before the placing on the market that neoprene-based contact adhesives containing cyclohexane in concentrations equal to or greater than 0,1 % by weight that are placed on the market for supply to the general public after 27 December 2010 are visibly, legibly and indelibly marked as follows:
	"— This product is not to be used under conditions of poor ventilation.

### 2. Chemical safety assessment

A safety assessment for the mixture is not required.

### **SECTION 16: Other information**

### A list of hazard statements used in the safety data sheet

H225 Highly flammable liquid and vapour. H302 Harmful if swallowed.

H304 May be fatal if swallowed and enters airways. H315 Causes skin

irritation.

H319 Causes serious eye irritation. H336 May cause drowsiness or dizziness.

H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long-lasting effects. **A list of additional hazard statements used in the safety data sheet** EUH066 Repeated exposure may cause skin dryness

or cracking.

### Further information important for the safety and protection of human health

The product must not be - unless specifically approved by the manufacturer/importer - used for purposes other than those specified in Section 1. The user is responsible for adherence to all related health protection regulations.

### Key to abbreviations and acronyms used in the safety data sheet

key to abbreviations and acronyms used in the safety data sheet				
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road			
BCF	Bioconcentration Factor			
CAS	Chemical Abstracts Service			
CE <sub>50</sub>	Concentration of a substance which affects 50% of the population			
CLP	Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures			
DNEL	Derived No-Effect Level			
EINECS	European Inventory of Existing Commercial Chemical Substances			
EmS	Emergency plan			
EuPCS	European Product Categorisation System			
IATA	International Air Transport Association			
IBC	International code for the construction and equipment of ships carrying dangerous chemicals in bulk			
IC <sub>50</sub>	Half maximal inhibitory concentration			
ICÃO	International Civil Aviation Organisation			

Cosmetic Ingredients

**IMDG** 



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ISO International Organisation for Standardisation
IUPAC International Union of Pure and Applied Chemistry

LC Lethal concentration of a substance which can be expected to cause the death of 50% of

the population

LD<sub>E0</sub> Lethal dose of a substance which can be expected to cause the death of 50% of the

population

LOAEC Lowest Observed Adverse Effect Concentration

LOAEL Lowest Observed Adverse Effect Level log Kow Octanol-water partition coefficient VOC Volatile Organic Compounds

MARPOL International Convention for the Prevention of Pollution from Ships TLV

Threshold Limit Value

STEL Short-Term Exposure Limit
CEL Ceiling Exposure Limit

NOAEC No-observed-adverse-effect concentration NOAEL No-observed-

adverse-effect level NOECNo-observed-effect concentration

NOEL No-observed-effect level
OEL Occupational Exposure Limits
PBT Persistent, Bioaccumulative and Toxic
PNEC Predicted No-Effect Concentration

ppm Parts per million

REACH Registration, Evaluation, Authorisation and Restriction of Chemicals RID Regulation

concerning the International Carriage of Dangerous Goods by Rail

EU European Union

UN Four-digit identification number of the substance or article based on "UN Model

Regulations"

UVCB Chemical Substances of Unknown or Variable Composition, Complex Reaction Products

and Biological Materials

vPvB Very Persistent and very Bioaccumulative EC Identification

code for each substance listed in the EINECS

Acute Tox. Acute toxicity

Aquatic Acute Hazardous to the aquatic environment (acute) Aquatic Chronic Hazardous to the aquatic environment (chronic) Asp. Tox.

Aspiration hazard

Not classified
Eye Irrit.
Flam. Liq.
Skin Irrit.

Not classified
Eye irritation
Flammable liquid
Skin irritation

STOT SE Specific target organ toxicity – single exposure

### **Training guidelines**

Inform the personnel about the recommended ways of use, mandatory protective equipment, first aid and prohibited ways of handling the product.

### Recommended restrictions of use

data not available

### Information about data sources used to compile the safety data sheet

Regulation (EC) No. 1907/2006 of the European Parliament and of the Council (REACH) as amended. Regulation (EC) No. 1272/2008 of the European Parliament and of the Council as amended. Data from the manufacturer of the substance/mixture, if available - information from registration dossiers.

### More information

Classification procedure - calculation method.

### Statement



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The safety data sheet provides information aimed at ensuring safety and health protection at work and environmental protection. The provided information corresponds to the current status of knowledge and experience and complies with valid legal regulations. The information should not be understood as guaranteeing the suitability and usability of the product for a particular application.