

EG Safety Data Sheet

in accordance with Regulation (EC) No. 1907/2006

Trade name: 621 Stone Coating "2 in 1"

Revision date: 23.01.2020 Date

Print Date: 23.01.2020 Version: 3.0 RO

Replaces version: 2.1 RO

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

1.1 Product identifier:

621 "2 in 1" stone coating

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

Use of the substance/mixture: Protective and impregnating agent

1.3 Details of the supplier of the safety data sheet:

CCM GmbH
Diepenbroich 8
DE-51491 Overath

Phone: +49(0)2206 938590-0
Email: info@ccm-international.eu

1.4 Emergency telephone number:

Emergency medical information in case of poisoning:

Poison Information Center DE-Mainz - Phone: +49 (0) 6131 19240 (24H)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to (EC)1272/2008:

Flammable liquids, category 3; H226 - Aspiration hazard, category 3; H304 - Specific target organ toxicity - single exposure, category 3; H336 - EUH066

Classification according to 1999/45/EG or 67/548/EWG:

F; R10 - Xn; R65 - R66 - R67

(Hazard description: flammable, harmful)

2.2 Label elements

Classification (EG) no. 1272/2008:

Icons:



Word of warning: danger

Hazardous component for labeling

Contains according to the Detergents Regulation (EC No. 648/2004): > 30% aliphatic hydrocarbons

Hazard phrases:

H226
H304
H336
EUH066

Flammable liquid and vapor.
It can be fatal if swallowed and enters the respiratory tract.
It may cause drowsiness and dizziness.
Repeated exposure may cause skin dryness or cracking.

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Precationary statements:

P102
P210

Keep out of reach of children.
Keep away from heat/sparks/open flames/hot surfaces. - No smoking.

P301 + P310

IF SWALLOWED: Call a POISON CENTER or doctor/physician immediately.

P304 + P340

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

2.3 Other hazards:

Unidentified.

SECTION 3: Composition/information on ingredients

3.1 Substances

The product is a mixture

3.2 Mixtures

Hazardous ingredients:

Paraffin oil (white)

Classification according to (EC) No. 1272/2008, Annex VII):

Aspiration hazard, category 1; H304

EG-No.:232-455-8; CAS-No. 8042-47-5; REACH-Reg. No. 01-2119487078-27; Concentration: 5 - 15 %

Classification according to 1999/45/EG or 67/548/EWG:

Not applicable

Hydrocarbons, C9-C11, n-alkane, isoalkane, cycloalkane, <2% aromatic hydrocarbons

Classification according to (EC) No. 1272/2008, Annex VII):

Flammable liquids, category 3; H226 - aspiration hazard, category 1; H304 - specific target organ toxicity - single exposure, category 3; H336 - EUH066

Classification according to 1999/45/EG or 67/548/EWG:

R10 - Xn; R65 - R66 (Hazard description: flammable, harmful)

CAS-No.: 64742-48-9; EG-No.: 919-857-5; REACH-Reg. No. 01-2119463258-33; Concentration: 70 - 80 %

Remark/Additional information:

Benzene content < 0.1%; aromatic content < 2%. Full text of R and H phrases: see section 16

SECTION 4: First aid measures

4.1 Description of first aid measures

General information:

Medical examination is necessary even if poisoning is suspected. Remove contaminated clothing immediately.

In case of inhalation:

Provide fresh air. If symptoms persist, move victim to fresh air and consult a physician.

In case of skin contact:

After contact with skin, wash with plenty of soap and water. Remove contaminated skin. In case of skin irritation, consult a doctor.

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In case of visual contact:

In case of contact with eyes, rinse immediately with plenty of running water for 10-15 minutes, holding the eyelids apart, and consult a doctor.

In case of ingestion:

Do not induce vomiting. Aspiration hazard. Get medical attention. A person who vomits while lying on their back should be turned over on one side.

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

Headache, dizziness, malaise, unconsciousness. The product has a degreasing effect on the skin.

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

Requires symptomatic treatment.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Water, alcohol-resistant foam, carbon dioxide, extinguishing powder. Fire-fighting method in surrounding areas must be discussed.

Extinguishing media which must not be used for safety reasons:

Water jet.

5.2 Special hazards arising from the substance or mixture:

Flammable liquid. The product is insoluble and floats on water. The vapors are heavier than air and may spread along floors. Re-ignition at distant ignition sources is possible. In case of fire, for example: carbon monoxide, carbon dioxide may be released.

5.3 Advice for firefighters:

In case of fire: Wear self-contained breathing apparatus. Prevent fire extinguishing water from entering surface waters or underground. Avoid skin contact by wearing suitable protective clothing and keeping a safe distance. Use water spray to protect personnel and cool containers at risk.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures:

Wear personal protective equipment. Keep unprotected persons away. Particular danger of slipping on leaked/spilled product.

6.2 Environmental precautions:

Do not allow to enter drains or watercourses. If the product contaminates rivers and lakes or drains, inform the competent authorities.

6.3 Methods and materials for containment and:

For large: Pump the product. Absorb smaller amounts with universal binder and dispose of in accordance with local regulations.

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6.4 Reference to other sections:

Treat recovered material as specified in section 13 regarding waste.

SECTION 7: Handling and storage

7.1 Precautions for safe handling:

Ventilate the affected area. Please observe general safety rules when handling chemicals. Do not eat, drink or smoke in work areas. Wash hands after use. Do not breathe vapours.

Fire and explosion precautions:

The product is combustible. Vapours are heavier than air and may spread along floors. Keep away from sources of ignition - No smoking. Take precautions against static discharges. Use only explosion-proof equipment.

7.2 Conditions for safe storage, including any

incompatibilities: Storage conditions:

Protect from heat and direct sunlight.

Requirements for storage areas and containers:

Keep containers tightly closed in a cool, well-ventilated place. Do not store together with oxidizing agents or flammable or spontaneously combustible products.

VCI storage group: 3 (flammable liquids)

7.3 Specific end use(s):

Solvent-based stone care and impregnation. Please note the information on the label and the instructions for use.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational exposure limit value

C9-C15 Aliphatics, occupational exposure limit value (AGW) 600 mg/m³, (2(II); aliphatic mixture, used as solvent (TRGS 900)

Paraffin oil (white oil); TWA (8-hour time-weighted average): 5 mg/m³

8.2 Exposure controls:

Personal protective equipment:

Respiratory protection:

If technical exhaust or ventilation measures are not possible or insufficient, respiratory protection must be worn.
Recommended filter type: A - Brown color.

Hand protection:

Chemical-resistant gloves (e.g. nitrile rubber 0.5 mm: breakthrough time > 480 min)

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Eye protection:

Tight-fitting safety glasses with side protection (EN 166)

Protective clothing:

If necessary, use protection.

Environmental protection:

See sections 6 and 7.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical condition:	liquid
Color:	colorless
Smell:	similar to gasoline
pH value (at 20 °C):	does not apply
Density:	approx. 0.8 g/ml
Initial boiling point and boiling range:	>150°C
Flash point:	approx. 39°C
self-ignition:	without self-ignition
Explosive properties:	The product has no explosive properties. Possibility of creating explosive vapor/air mixtures.
Lower explosion limit:	0.7 Vol.-%
Upper explosion limit:	7.0 Vol.-%
Solubility in water:	it is not soluble

9.2 Other information

indefinite

SECTION 10: Stability and reactivity

10.1 Reactivity:

There are no special risks of reaction with other substances under normal conditions of use.

10.2 Chemical stability:

The product is stable under normal conditions.

10.3 Possibility of hazardous reactions:

If used correctly, no dangerous reactions are expected.

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10.4 Conditions to avoid:

Keep away from heat, direct sunlight, flames and sparks.

10.5 Incompatible materials:

Strong oxidants.

10.6 Hazardous decomposition products:

It does not decompose if stored and applied according to instructions.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Toxicological tests:

No data available

Ingredients information:

Toxicokinetics, metabolism and distribution Effects

acutely

C9-C15 aliphatics

Acute oral toxicity: LD50 >5000 mg/kg (rat)

Acute dermal toxicity: LD50 >5000 mg/kg (rabbit)

Acute inhalation toxicity: LD50 (4 h) >4951 mg/kg (rat)

Paraffin oil (white oil)

Acute oral toxicity: LD50 >5000 mg/kg (rat)

Acute dermal toxicity: LD50 >2000 mg/kg (rabbit)

Acute inhalation toxicity: LD50 (4 h) > 5000 mg/kg (rat)

Awareness:

No sensitizing effects known.

CMR effects:

There is no data available.

Additional toxicological information:

No data available

SECTION 12: Ecological information

12.1 Toxicity

C9-C15 aliphatics

Toxicity to fish: LL50 (96h) >100 mg/L (rainbow trout)

Toxicity to daphnia: EL0 (48 h) >1000 mg/L (daphnia magna)

Algae toxicity: EL0 (72 h) >1000 mg/L (*pseudokirchneriella subcapitata*)

Paraffin oil (white)

Fish toxicity: LL50 (96h) >100 mg/L

Daphnia toxicity: EL50 (48 h) >100 mg/L

12.2 Persistence and degradability:

Easily biodegradable.

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12.3 Bioaccumulative potential:

No data available

12.4 Mobility in soil:

The product is insoluble and floats on water. It is almost insoluble in water. The more volatile component can evaporate quickly. The non-volatile component is adsorbed to the soil and is not mobile.

12.5 Results of PBT and vPvB assessment:

The components in this formulation do not meet the criteria for classification as PBT or vPvB.

12.6 Other adverse effects:

Do not allow to drain into drains or water.

Additional information:

There is no data available.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Proper disposal/product

Dispose of waste in accordance with applicable local, state and federal regulations.

List of proposed waste codes/names according to EWC: 20 01 13

CLEANERS

Proper disposal/packaging:

Contaminated package:

Dispose of in accordance with local authority regulations.

Clean package:

Completely emptied packaging can be recycled.

SECTION 14: Transport information

14.1 UN number: UN 3295

14.2 UN proper shipping name: HYDROCARBONS, LIQUIDS, NOS

14.3 Transport hazard class(es): 3



14.4 Packing group:

III

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14.5 Environmental hazards:

Not

14.6 Special precautions for the user:

see chapter 6-8.

14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code: Delivery is

place exclusively in appropriate and certified packaging from the point of view of the legality of traffic.

Other information:

Hazard identification No:	33
Classification code:	F1
Hazard label:	3
Limited quantity (LQ):	5I
Tunnel restriction code:	OF

SECTION 15: Regulatory information

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

EU legislation

National legislation WGK

(Germany):

WGK 1; slightly hazardous to water; Self-classification according to VwVwS of May 17, 1999, Annex 4.

Regulations:

Occupational restrictions: Please note Directive 92/85/EEC on the safety and health of pregnant workers at work and Directive 94/33/EC on the protection of young people at work.

15.2 Chemical safety assessment:

No chemical safety assessment is available for this product.

SECTION 16: Other information

The above information describes only the safety requirements of the product and is based on our current knowledge.

The information is intended to provide advice on the safe handling of the product mentioned in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In case of mixing

the product with other products or in the case of processing, the information in this safety data sheet is not necessarily valid for the newly prepared material.

Relevant R and H phrases (number and full text):

R10	inflammable
R65	Harmful: may cause lung damage if swallowed.
R66	Repeated exposure may cause skin dryness or cracking.
R67	Vapors may cause drowsiness and dizziness.
H226	Flammable liquid and vapor
H304	Can be fatal if swallowed and enters the respiratory tract
H336	May cause drowsiness or dizziness.
EUH066	Repeated exposure may cause skin dryness or cracking.

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Abbreviations

AGW	occupational exposure limit value
AOX	adsorbable halogenated organic compounds
house	Chemical Abstract Service
EWC	European Waste Catalogue
EC50	effective average concentration
EG	European Community
EINECS	European Inventory of Existing Commercial Chemical Substances
EWG	European Economic Community
IBC Code	International Building Code
IC50	average inhibitory concentration
IC50	Lethal concentration
LD50	median lethal dose
TO	Limited quantity
MARPOL	Marine Pollution Convention
PBT	Persistent, bioaccumulative, toxic
EMCDDA	Organization for Economic Cooperation and Development.
TRGS	Risk assessment for activities involving hazardous substances
VCI	German Chemical Industry Association
vPvB	very persistent and very bioaccumulative
VvVwS	Regulation on materials that pollute water
WGK	Classification of water-related hazards
WRMG	Law on washing and cleaning agents

Bibliography/source directory

Directive (67/548/EEC), last amended by Directive 2009/2/EC

REACH-Guideline (EC) No. 1907/2006, last amended by Guideline (EU) No. 453/2010 Guideline (EC) No.

1272/2008, last amended by Guideline (EC) No. 790/2009

The data is based on information provided by the pre-supplier.