

Safety Data Sheet
according to Regulation (EC) No. 1907/2006 (REACH)



Trade name : Saphira Coating Gloss
Revision date : 20.04.2020
Print date : 13-05-2020

Version (Revision) : 2.0.0 (1.1.0)

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

1.1 Product identifier

(W3665-45) Saphira Coating Gloss

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

Sectors of use [SU]

Industrial uses

Products Category [PC]

Coatings and paints, fillers, putties, thinners

Uses advised against

Do not use for private purposes (household).

1.3 Details of the supplier of the safety data sheet

Supplier (manufacturer/importer/only representative/downstream user/distributor)

Hi-Tech Coatings International BV
De Corantijn 12
1689 AP Zwaag
The Netherlands

Hi-Tech Coatings International Limited
Unit 7 Premus
Coldharbour Way
Brunel Park
Aylesbury
Bucks HP 19 8AP
United Kingdom

E-Mail: info@hitechcoatings.net

1.4 Emergency telephone number

National Poison Centre +31 70 245 245 (24/7)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 [CLP]

Eye Irrit. 2 ; H319 - Serious eye damage/eye irritation : Category 2 ; Causes serious eye irritation.

2.2 Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms



Exclamation mark (GHS07)

Signal word

Warning

Hazard statements

H319 Causes serious eye irritation.

Precautionary statements

P264 Wash thoroughly after handling.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P337+P313 If eye irritation persists: Get medical advice/attention.

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P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Special rules for supplemental label elements for certain mixtures

EUH208 Contains 1,2-BENZISOTHIAZOL-3(2H)-ONE ; REACTION MASS OF: 5-CHLORO-2-METHYL-4-ISOTHIAZOLIN-3-ONE AND 2-METHYL-2H -ISOTHIAZOL-3-ONE (3:1). May produce an allergic reaction.

2.3 Other hazards

None

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Hazardous ingredients

DOCUSATE SODIUM ; REACH No. : 01-2119491296-29 ; EC No. : 209-406-4 ; CAS No. : 577-11-7

Weight fraction : $\geq 2,5 - < 7 \%$

Classification 1272/2008 [CLP] : Eye Dam. 1 ; H318 Skin Irrit. 2 ; H315

1,2-BENZISOTHIAZOL-3(2H)-ONE ; EC No. : 220-120-9 ; CAS No. : 2634-33-5

Weight fraction : $\geq 0,005 - < 0,05 \%$

Classification 1272/2008 [CLP] : Eye Dam. 1 ; H318 Acute Tox. 4 ; H302 Skin Irrit. 2 ; H315 Skin Sens. 1 ; H317 Aquatic Acute 1 ; H400

REACTION MASS OF: 5-CHLORO-2-METHYL-4-ISOTHIAZOLIN-3-ONE AND 2-METHYL-2H -ISOTHIAZOL-3-ONE (3:1) ; CAS No. : 55965-84-9

Weight fraction : $\geq 0,00015 - < 0,0015 \%$

Classification 1272/2008 [CLP] : Acute Tox. 2 ; H310 Acute Tox. 2 ; H330 Acute Tox. 3 ; H301 Skin Corr. 1C ; H314 Eye Dam. 1 ; H318 Skin Sens. 1A ; H317 Aquatic Acute 1 ; H400 Aquatic Chronic 1 ; H410

Additional information

Full text of H- and EUH-phrases: see section 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

Following inhalation

No special measures are necessary. In case of respiratory tract irritation, consult a physician.

In case of skin contact

Wash immediately with: Water Subsequently wash off with: Water and soap

After eye contact

Rinse immediately carefully and thoroughly with eye-bath or water. In case of eye irritation consult an ophthalmologist.

After ingestion

Rinse mouth thoroughly with water. No known symptoms to date.

Notes for the doctor

Special treatment

No known symptoms to date.

4.2 Most important symptoms and effects, both acute and delayed

No known symptoms to date.

4.3 Indication of any immediate medical attention and special treatment needed

None

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SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

Suitable extinguishing media ABC-powder Carbon dioxide (CO2) Full water jet alcohol resistant foam

5.2 Special hazards arising from the substance or mixture

None

5.3 Advice for firefighters

Special protective equipment for firefighters

Use suitable breathing apparatus. Protective clothing.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Use personal protection equipment. See protective measures under point 7 and 8.

6.2 Environmental precautions

Do not allow to enter into surface water or drains. Prevent spread over a wide area (e.g. by containment or oil barriers).

6.3 Methods and material for containment and cleaning up

For cleaning up

Use approved industrial vacuum cleaner for removal. Wipe up with absorbent material (eg. cloth, fleece). Suitable material for taking up: Sand Kieselguhr Universal binder Sawdust

Other information

Clear spills immediately.

6.4 Reference to other sections

Safe handling: see section 7 Disposal: see section 13 Personal protection equipment: see section 8

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Protective measures

not useable after freezing. Always close containers tightly after the removal of product. If handled uncovered, arrangements with local exhaust ventilation should be used if possible.

Measures to prevent fire

When using do not eat, drink, smoke, sniff.

Measures to prevent aerosol and dust generation

Vapours/aerosols must be exhausted directly at the point of origin.

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep/Store only in original container. Keep container tightly closed.

7.3 Specific end use(s)

Recommendation

Observe technical data sheet.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

None

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8.2 Exposure controls

Personal protection equipment



Eye/face protection

Suitable eye protection

Eye glasses with side protection

Skin protection

Hand protection

Suitable gloves type : EN ISO 374

Suitable material : NBR (Nitrile rubber)

Breakthrough time (maximum wearing time) : 240 min.

Thickness of the glove material 0,4mm : Thickness of the glove material 0,4mm

Respiratory protection

Suitable respiratory protection apparatus

Usually no personal respirative protection necessary.

General information

When using do not eat, drink, smoke, sniff. Avoid contact with skin, eyes and clothes. Wash hands before breaks and after work. Immediately remove any contaminated clothing, shoes or stockings. Wash contaminated clothing prior to re-use.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance : Liquid

Colour : white

Odour : characteristic

Safety characteristics

| | | |
|--|----------------|---------------------------|
| Melting point/freezing point : | | No data available |
| Freezing point : | < | 0 °C |
| Initial boiling point and boiling range : | (1013 hPa) > | 100 °C |
| Decomposition temperature : | | not applicable |
| Flash point : | | not applicable |
| Auto-ignition temperature : | | not applicable |
| Lower explosion limit : | | not applicable |
| Upper explosion limit : | | not applicable |
| Density : | (20 °C) | 1 - 1,1 g/cm ³ |
| Water solubility : | (20 °C) | 100 Wt % |
| pH : | | 7,3 - 9 |
| Flow time : | (20 °C) | 30 - 90 s DIN-cup 4 mm |
| Solid content : | approx. | 28,2 Wt % |
| Odour threshold : | | not determined |
| Evaporation rate : | | No data available |
| Maximum VOC content (EC) : | <= | 1,2 Wt % |

9.2 Other information

None

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SECTION 10: Stability and reactivity

10.1 Reactivity

No information available.

10.2 Chemical stability

The mixture is chemically stable under recommended conditions of storage, use and temperature.

10.3 Possibility of hazardous reactions

No information available.

10.4 Conditions to avoid

No information available.

10.5 Incompatible materials

No information available.

10.6 Hazardous decomposition products

No information available.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity

Acute oral toxicity

Parameter : LD50 (DOCUSATE SODIUM ; CAS No. : 577-11-7)
Exposure route : Oral
Species : Rat
Effective dose : 3000 mg/kg

Acute dermal toxicity

Parameter : LD50 (DOCUSATE SODIUM ; CAS No. : 577-11-7)
Exposure route : Dermal
Species : Rabbit
Effective dose : > 2000 mg/kg

Corrosion

Serious eye damage/eye irritation

Corrosion IN VITRO POTENTIAL EYE IRRITANCY TEST (BCOP ACORDING TO OESD 437) IVIS Score 46.0 for the 10% Solution (Knowing IVIS Score < 55.0 classification is Eye Irritant Category 2 (H319)) Serious eye damage/eye irritation

Respiratory or skin sensitisation

Skin sensitisation

Skin sensitisation Practical/human experience. slightly irritant

Sensitisation to the respiratory tract

Sensitisation to the respiratory tract not sensitising.

SECTION 12: Ecological information

12.1 Toxicity

Aquatic toxicity

Acute (short-term) toxicity to aquatic algae and cyanobacteria

Parameter : ErC50 (DOCUSATE SODIUM ; CAS No. : 577-11-7)
Species : Algae
Effective dose : 82,5 mg/l
Parameter : EC50 (DOCUSATE SODIUM ; CAS No. : 577-11-7)

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Species : Daphnia magna (Big water flea)
Effective dose : 6,6 mg/l

12.2 Persistence and degradability

No information available.

12.3 Bioaccumulative potential

No information available.

12.4 Mobility in soil

No information available.

12.5 Results of PBT and vPvB assessment

No information available.

12.6 Other adverse effects

No information available.

12.7 Additional ecotoxicological information

None

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Delivery to an approved waste disposal company.

Product/Packaging disposal

Waste codes/waste designations according to EWC/AVV

Waste codes/waste designations according to EWC/AVV List of proposed waste codes/waste designations in accordance with EWC 08 01 19: Aqueous suspensions containing paint or varnish containing organic solvents or other dangerous substances

Waste treatment options

Appropriate disposal / Product

Dispose of waste according to applicable legislation.

13.2 Additional information

Additional information Dispose of waste according to applicable legislation.

SECTION 14: Transport information

14.1 UN number

No dangerous good in sense of these transport regulations.

14.2 UN proper shipping name

No dangerous good in sense of these transport regulations.

14.3 Transport hazard class(es)

No dangerous good in sense of these transport regulations.

14.4 Packing group

No dangerous good in sense of these transport regulations.

14.5 Environmental hazards

No dangerous good in sense of these transport regulations.

14.6 Special precautions for user

None

SECTION 15: Regulatory information

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

None

15.2 Chemical safety assessment

No information available.

15.3 Additional information

TSCA STATUS: YES DSL/NDL STATUS: YES AICS STATUS: YES KECL STATUS: YES ENCS/METI STATUS: YES
EINECS/NLP STATUS: YES PICCS STATUS: YES IECSC STATUS: YES NZIOCS STATUS: YES

SECTION 16: Other information

16.1 Indication of changes

02. Classification of the substance or mixture · 02. Labelling according to Regulation (EC) No. 1272/2008 [CLP] · 02. Special rules for supplemental label elements for certain mixtures · 03. Hazardous ingredients · 15. Restrictions on use · 15. Additional information

16.2 Abbreviations and acronyms

ADR = European Agreement concerning the International Carriage of Dangerous Goods by Road
ASTM = American Society of Testing and Materials (US)
CAS No = Chemical Abstracts Service Number (see ACS - American Chemical Society)
DNEL = Derived No-Effect Level
DT50 = Time for 50% loss; half-life
EbC50 = Median effective concentration (biomass, e.g. of algae)
EC50 = Median effective concentration
EINECS = European Inventory of Existing Commercial Chemical Substances
ELINCS = European List of Notified (New) Chemicals (see Tab 7, Background - Guide)
ErC50 = Median effective concentration (growth rate, e.g. of algae)
EWC = European Waste Catalogue
IATA = International Air Transport Association
IC50 = Concentration that produces 50% inhibition
IMDG = International Maritime Dangerous Goods Code
IMO = International Maritime Organization
LC50 = Concentration required to kill 50% of test organisms
LD50 = Dose required to kill 50% of test organisms
LEL = Lower Explosive Limit/Lower Explosion Limit
LOAEL = Lowest observed adverse effect level
MRL = Maximum Residue Limit
NOAEL = No Observed Adverse Effect Level
NOEC = No observed effect concentration
NOEL = No Observable Effect Level
OEL = Occupational Exposure Limits
PBT = Persistent, Bioaccumulative or Toxic
PNEC = Predictable Non Effect Concentration
STEL = Short-Term Exposure Limit
TWA = Time-Weighted Average
vPvB = Very Persistent and Very Bioaccumulative

16.3 Key literature references and sources for data

None

16.4 Classification for mixtures and used evaluation method according to regulation (EC) No 1272/2008 [CLP]

No information available.

16.5 Relevant H- and EUH-phrases (Number and full text)

H301 Toxic if swallowed.

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| | |
|-----------|---|
| H302 | Harmful if swallowed. |
| H310+H330 | Fatal in contact with skin or if inhaled. |
| H314 | Causes severe skin burns and eye damage. |
| H315 | Causes skin irritation. |
| H317 | May cause an allergic skin reaction. |
| H318 | Causes serious eye damage. |
| H319 | Causes serious eye irritation. |
| H400 | Very toxic to aquatic life. |
| H410 | Very toxic to aquatic life with long lasting effects. |

16.6 Training advice

None

16.7 Additional information

None

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.
