

SPS Envirowall Ltd



Safety Data Sheet
according to (EC) 1907/2006 - Article 31

ISO No. 5039

Version 2

Date prepared: April 2022

SECTION 1 Identification of the article and of the company/undertaking

1.1 Product identifier

Trade Name: Silicone Paint
Identification of the product: Product Name: Granosil'color
Product Code: ESPS/S-EP/--/****

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

Use: Paint

1.3 Details of the supplier of the safety data sheet

Supplier SPS Envirowall Ltd
Unit 27 Rosevale Road
Parkhouse Industrial Estate West
Newcastle under Lyme
Staffordshire
ST5 7EF
United Kingdom
Email: info@spsenvirowall.co.uk
Telephone: 08451300983

1.4 Emergency telephone number

NHS : 111

SECTION 2 Hazards identification

2.1 Classification of the substance or mixture

Classification according to Directive (CE) Product is not classified as hazardous
n°1272/2008 (CLP):

2.2 Label elements

Label in compliance with EC regulation No 1272/2008 (CLP):

Hazard pictograms: None

Precautionary statements: None

Hazard statements: None

Specific hazard statement UE : EUH 208: Contains 2-Octyl-2H-isothiazol-3-one, a mixture of 5-Chloro-2-Methyl-2H-Isothiazol- 3-one / 2-Methyl-2H -Isothiazol-3-one (3:1) (CMIT / MIT). May cause an allergic reaction.
EUH 210: Safety data sheet available on request.

2.3 Other hazards

Environmental information: Not applicable

PBT (Persistent Bioaccumulative Toxic): Not applicable

vPvB (very Persistent very Bioaccumulative) Not applicable

SECTION 3 Composition/information on ingredients

Dangerous Components

Substance Name	CAS No	EC No	Contents by Weight %	Index Number (REGULATION (EC) No 1272/2008)	Classification (REGULATION (EC) No 1272/2008)	Classification (Other)
Mixture of 5-Chloro-2- Methyl-2H-Isothiazol-3-one/2-Methyl-2HIsouthiazol- 3-one 3:1	55965-84-9	611-341-5	0.00105%	613-167-00-5	Acute Tox.3 H301, Acute Tox.3 H311, Acute Tox.3 H331, Skin Cor. 1B H315, Aquatic Acute 1 H400 (M=10), Aquatic Chronic 1 H 410 (M=1), Skin Sens.1A H317	-
2-octyl-2H-isothiazol-3- one	26530-20-1	247-761-7	<0.0050%	613-112-00-5	Acute Tox.3 H311, Acute Tox.2 H330, Skin Cor. 1B H314, Eye Dam.1 H318, Aquatic Acute 1 H400 (M=10), Aquatic Chronic 1 H410 (M=1), Acute Tox.4 H302, Skin Sens.1A H317	-
Hydrocarbons, C9-12 , nalkanes, isoalkanes, cyclics, aromatics (2-25%)	64742-82-1	919-446-0	<1%	-	Flam Liq 3 H226, Aquatic Chronic 2 H411, Asp.Tox.1 H304, STOT SE 3 H336, STOT RE 1 H372	-

The full text of the H-statements can be found in section 16.

SECTION 4 First aid measures

4.1 Description of first aid measures

General advice: Show the safety Data sheet to the physician.

Eye contact: Do not rub eyes as additional mechanical damage to the cornea is possible. Remove contact lenses if possible, then rinse the eyes immediately

Skin contact: Carefully and gently brush the contaminated body surfaces with water and soap.

Ingestion: Clean mouth with water. If symptoms persist consult a Physician.

Inhalation: Remove patient to fresh air. If symptoms persist consult a Physician.

4.2 Most important symptoms and effects, both acute and delayed

No other important information is available.

4.3 Indication of any immediate medical attention and special treatment needed

No other important information is available.

SECTION 5 Fire-fighting measures

General Information Not inflammable

5.1 Extinguishing media

CO2, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

5.2 Special hazards arising from the substance or mixture

Hazardous combustion products: Thermal decomposition of admixtures (200°C min): formation of CO, CO2. Do not breathe fumes

5.3 Advice for fire-fighters

Protective equipment: Wear autonomous insulating breathing apparatus to enter the smoky local.

Environmental precautions: Do not pour fire extinguishing water into sewers or waterways.

SECTION 6 Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

6.1.1 For non-first aid worker: Avoid contact with skin, eyes, and clothing. Ensure adequate ventilation.

6.1.2 For first aid worker: Avoid contact with skin, eyes, and clothing. Ensure adequate ventilation.

6.2 Environmental precautions

Dilute with plenty of water. Do not allow to enter sewers/ surface or ground water.

6.3 Methods and material for containment and cleaning up

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdus). Wash the residue from the contaminated area with plenty of water. Then place them in a container for disposal in accordance with local regulations.

6.4 Reference to other sections

See Section 7 for information on safe handling.
See Section 8 for information on personal protective equipment.
See Section 13 for disposal information.

SECTION 7 Handling and storage

7.1 Precautions for safe handling

Provide nearby water stations for regular use. Use in well-ventilated area.

Fire prevention: There are no specific measures.

Recommended equipment and procedures: Avoid contact with skin and eyes.

Wash hands after handling. Remove and wash contaminated clothing before reuse.

For personal safety, see section 8.

Observe precautions stated on label and also industrial safety regulations.

Prohibited equipment and procedures: Smoking, eating and drinking are prohibited in premises where the preparation is used.

7.2 Conditions for safe storage, including any incompatibilities

Storage: Keep the container tightly closed. Protect from frost.

Store in the original, closed packaging in a dry, cool and well-ventilated place. Keep away from frost, heat and direct sunlight.

Keep out of reach of children.

Packaging: Store only in an upright position in closed containers.

There is no other important information available.

7.3 Specific end use(s)

SECTION 8 Exposure controls/personal protection

8.1 Control parameters

Ingredients with limit values that require monitoring at the workplace:

The product does not contain any significant quantities of materials with critical values that have to be monitored at the workplace.

Additional information: As a basis for the production of this document, the most current valid lists were used.

8.2 Occupational exposure controls

General safety and hygiene measures:

The usual precautions for handling chemicals should be followed.

Take off contaminated clothing immediately.

Wash hands before breaks and after handling the product.

Avoid mucous, eyes and hands contact.

Use a skin moisturizer if necessary after using the product.

Engineering Controls: Make sure there is adequate ventilation or that there is an exhaust air system in the workplace.

Individual protection measures:

Safety Pictograms



Avoid contact with the skin and eyes.

Eye/Face protection: Provide personnel with safety gloves (EN166).

Envisage in the vicinity a clean water container or an ocular fountain in the event of projection in the eyes.

Protection of hands: Wear suitable protective gloves if prolonged or repeated contact with hands.

The selection of suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can't be calculated in advance and has therefore to be checked before use.

Body Protection: Avoid prolonged contact skin.

Personnel shall wear regularly laundered overalls.

After contact with the product all soiled parts of the body should be washed.

Respiratory protection: No protective breathing equipment is required in normal conditions of use and where there is adequate ventilation.

SECTION 9 Physical and chemical properties

Appearance: Liquid

Colour: According to product specification.

Odour: Characteristic

Odour Threshold: Not determined

pH Value: 7.0-9.0

Fusion Point: Not available.

Boiling Point: 100°C

Flash point: Not available.

Evaporation rate: Not available.

Flammability: Not applicable (non flammable substance).

Ignition temperature: Not applicable.

Danger of Explosion: Product does not present an explosion hazard.

Explosive limits Lower: Not determined **Upper:** Not determined

Vapour pressure at 20°C: 23 hPa

Vapour density: Not determined

Relative Density: Not determined

Densité at 20 °C: 1.40 kg/dm³

Solubility in / Miscibility with water: Fully Miscible

Partition coefficient (n-octanol/water): Not determined.

Self-igniting: Not determined.

Decomposition Temperature: Not determined.

Viscosity - Dynamic at 20°C: 45 Pa.s

Kinematic: Not determined

Oxidising properties: Not determined

9.2 Other information

No further relevant information available.

SECTION 10 Stability and reactivity

10.1 Reactivity

No further relevant information available.

10.2 Chemical stability

The preparation is stable at the handling and storage conditions recommended per Section 7 of the safety data sheet.

10.3 Possibility of hazardous reactions

No dangerous reactions known.

10.4 Conditions to avoid

Fears frost, temperatures above 35°C and direct sunlight.

10.5 Incompatible materials

No further relevant information.

10.6 Hazardous decomposition products

No dangerous decomposition products known under recommended storage and handling conditions.

SECTION 11 Toxicological information

11.1 Information on toxicological effects

Acute toxicity:

Index/CE/CAS	Cemical Name	LD50 Oral	LD50 Dermal	LD50 Inhalation
Index: 613-167-00-5 CE: 611-341-5 CAS: 55965-84-9	Mixture of 5-Chloro-2-Methyl-2H-Isothiazol-3-one/2-Methyl-2H-Isothiazol-3-one 3:1	LD50 rat (oral) > 66 mg/kg	LD50 rat (dermal):> 141 mg/kg	Not applicable
EINECS: 215-185-5 CAS: 1310-73-2	Natriumhydroxid	LD50 rat (oral)1350 mg/kg	-	Not determined

Skin corrosion/irritation: No information available.

Serious eye damage/irritation: No information available.

Respiratory or skin sensitisation: No information available.

Germ cell mutagenicity: No information available.

Carcinogenicity: No information available.

Reproductive toxicity: No information available.

Specific target organ toxicity - single exposure: No information available.

Specific target organ toxicity - repeated exposure: No information available.

Aspiration hazard: No information available.

11.2 Mixture

There are no data for the mixture itself.

SECTION 12 Ecological information

12.1 Toxicity	No further relevant information available.
12.2 Persistence and degradability	No further relevant information available.
12.3 Bioaccumulative potential	No further relevant information available.
12.4 Mobility in soil	No further relevant information available.
12.5 Results of PBT and vPvB assessment	PBT: not applicable. vPvB: not applicable
12.6 Other adverse effects	No further relevant information available.

SECTION 13 Disposal considerations

13.1 Waste treatment methods	It is recommended to avoid or limit as much as possible the generation of waste. Recycle packaging waste. Consider incineration or landfill only if recycling is not possible.
Waste from residues / unused products:	Dispose of the product in accordance with local regulations. Do not allow to enter sewers or waterways.
Contaminated packaging:	Disposal must be made according to official regulations.

SECTION 14 Transport information

14.1 UN number	Not concerned
14.2 UN proper shipping name	Not concerned
14.3 Transport hazard class(es)	Not concerned
14.4 Packaging group	Not concerned
14.5 Environmental hazards	Not concerned
14.6 Special precautions for user	Not concerned
14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC code	Not concerned

SECTION 15 Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture	
Additional information on VOC :	EU limit value for this product according to directive 2004/42 /CE (catA/a : 30gr/l) This product contains a maximum of 30gr/l
Other:	Not applicable
15.2 Chemical safety	No further relevant information available.

SECTION 16 Other information

Since the user's working conditions are not known by us, the information supplied on this safety data sheet is based on our current level of knowledge and on national and community regulations. The product must not be used for any purposes other than those specified under heading 1 without first obtaining written handling instructions. It is at all times the responsibility of the user to take all necessary measures to comply with legal requirements and local regulations. The information given on this safety data sheet must be regarded as a description of the safety requirements relating to our product and not a guarantee of its properties. **Method used to determine the hazard classification:** by calculation. **Safety data sheets are drawn up by:** Département R&D Cantillana N.V. **Origin of the data used:** This safety data sheet was produced on the basis of the information provided by the raw material suppliers.

H-phrases mentioned in sections 2 and 3:

H226 Flammable liquid and vapour.
H301 Toxic if swallowed.
H302 Harmful if swallowed.
H304 May be fatal if swallowed and enters airways.
H311 Toxic in contact with skin.
H314 Causes severe skin burns and eye damage.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H318 Causes serious eye damage.
H330 Fatal if inhaled.
H331 Toxic if inhaled.
H335 May cause respiratory irritation.
H336 May cause drowsiness or dizziness.
H372 Causes damage to organs through prolonged or repeated exposure.
H400 Very toxic to aquatic life.
H410 Very toxic to aquatic life with long-lasting effects.
H411 Toxic to aquatic life with long-lasting effects

Abbreviations and acronyms:

CAS Chemical Abstracts Service
N°CE European Chemical number: EINECS, ELINCS or NLP
PBT Persistent, Bioaccumulable & toxique
vPvB Very Persistent and very Bioaccumulable
ADR Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
RID Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)
IMDG: International Maritime Code for Dangerous Goods IATA International Air Transport Association
ICAO International Civil Aviation Organization
GHS Globally Harmonized System of Classification and Labelling of Chemicals
WSW Valeur déterminée légalement / Legally determined value
IMDG International Maritime Code for Dangerous Goods
IATA International Air Transport Organisation
LCSO Lethal concentration 50%
LD50 Lethal dose 50%
PNEC Predicted No Effect Concentration
VOC Volatile organic compounds
Acute Tox.3 Acute toxicity - Category 3
Skin Cor. 1B Skin corrosion / irritation - Catégorie 1B
Aquatic Acute 1 Acute aquatic toxicity - Catégorie 1
Aquatic Chronic 1 Chronic aquatic toxicity - Catégorie 1
Aquatic Chronic 2 Chronic aquatic toxicity - Catégorie 2
Skin Sens.1A Skin sensibility - Catégorie 1A
Asp.Tox.1 Aspiration Toxicity catégorie 1
STOT SE 3 Specific target organ toxicity - single exposure, catégorie 3
STOT RE 1 Specific target organ toxicity - Repeated exposure, catégorie 1
Flam Liq.3 Flammable liquid and vapor - Catégorie 3

DISCLAIMER OF LIABILITY

The information in this MSDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This MSDS was prepared and is to be used only for this product. If the product is used as a component in another product, this MSDS information may not be applicable.

SPS Envirowall Ltd nor any other subsidiary of the Benx Group will be held accountable for any damage resulting from handling or from contact with the above product. This data sheet and the information it contains is not intended to supersede any terms or conditions of sale and does not constitute a specification. Nothing contained herein is to be construed as a recommendation for use in violation of any patent or applicable laws or regulations.