



# SPS Renocryl roof - anthracite

## Safety Data Sheet

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

Date of issue: 26-7-2016

Revision date: 26-7-2016

Supersedes: 10-1-2014

Version: 1.1

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

#### 1.1. Product identifier

Product form : Mixture  
Product name : SPS Renocryl roof - anthracite  
Product code : 25082190101  
Product group : Paint.

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

##### 1.2.1. Relevant identified uses

Intended for general public  
Main use category : Consumer use, Professional use, Industrial use  
Use of the substance/mixture : Renovation paint for roofings

##### 1.2.2. Uses advised against

No additional information available

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

##### Supplier

S.P.S. B.V.  
Zilverenberg 16  
P.O. Box Postbus 39 5201 AA 's-Hertogenbosch  
5234 GM 's-Hertogenbosch - Nederland  
T +31 (0)73 642 27 10 - F +31 (0)73 642 60 95  
[info@spsbv.com](mailto:info@spsbv.com) - [www.spsbv.com](http://www.spsbv.com)

##### Responsible formatting SDS

Mantech Nederland B.V.  
Kobaltweg 7  
P.O. Box 39  
5234 GN 's-Hertogenbosch - Nederland  
T +31 (0)73 70 70 112 - F +31 (0)73 64 43 861  
[info@mantechbv.nl](mailto:info@mantechbv.nl) - [www.mantechbv.nl](http://www.mantechbv.nl)

#### 1.4. Emergency telephone number

Emergency number : SPS BV.: +31 (0)73 642 27 10 [ 7:30 - 16:30 ]

NL - Nationaal Vergiftigingen Informatie Centrum (NVIC)  
Emergency telephone (24 hours): +31 30 274 88 88  
(Only for doctors to inform accidental poisoning)

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

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

Not classified

##### Adverse physicochemical, human health and environmental effects

Not classified as dangerous according to the criteria of Regulation (EC) No 1272/2008.

#### 2.2. Label elements

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

Signal word (CLP) : Not applicable  
Hazard statements (CLP) : Not applicable  
Precautionary statements (CLP) : P102 - Keep out of reach of children  
P271 - Use only outdoors or in a well-ventilated area  
P280 - Wear protective gloves, protective clothing, eye protection  
P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation [Spray application; P261 - Avoid breathing spray.]  
EUH-statements : EUH208 - Contains reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7], and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1), (55965-84-9), 1,2-benzisothiazol-3(2H)-one, 1,2-benzisothiazolin-3-one(2634-33-5)(220-120-9), 2-methyl-2H-isothiazol-3-one(2682-20-4)(220-239-6). May produce an allergic reaction  
EUH210 - Safety data sheet available on request  
Security closing plug for children : Not applicable  
Tactile warning : Not applicable

#### 2.3. Other hazards

Other hazards not contributing to the : None under normal conditions.

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### classification

This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII

This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

Not applicable

### 3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Mica;Silicates (less than 1% crystalline silica) : Mica (respirable dust);Glimmer;Mica # Mica;Mika (tinjac, liskum);Mika # Mica; 云母粉上# Mica dust substance with national workplace exposure limit(s) (GB)	(CAS-No.) 12001-26-2 (EC-No.) 310-127-6	2,5 - 10	Not classified
1,2-benzisothiazol-3(2H)-one, 1,2-benzisothiazolin-3-one	(CAS-No.) 2634-33-5 (EC-No.) 220-120-9 (EC Index-No.) 613-088-00-6	0,005=< C < 0,05	Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315 Eye Dam. 1, H318 Skin Sens. 1, H317 Aquatic Acute 1, H400
2-methyl-2H-isothiazol-3-one	(CAS-No.) 2682-20-4 (EC-No.) 220-239-6	0,01=< C < 0,1	Acute Tox. 3 (Oral), H301 Acute Tox. 2 (Inhalation:vapour), H330 Skin Corr. 1B, H314 Eye Dam. 1, H318 Skin Sens. 1A, H317 Aquatic Acute 1, H400 Aquatic Chronic 2, H411
reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7], and 2-methyl-2H -isothiazol-3-one [EC no. 220-239-6] (3:1),	(CAS-No.) 55965-84-9 (EC Index-No.) 613-167-00-5	0,00015=< C < 0,0015	Acute Tox. 3 (Inhalation), H331 Acute Tox. 3 (Dermal), H311 Acute Tox. 3 (Oral), H301 Skin Corr. 1B, H314 Skin Sens. 1, H317 Aquatic Acute 1, H400 Aquatic Chronic 1, H410

### Specific concentration limits:

Name	Product identifier	Specific concentration limits
1,2-benzisothiazol-3(2H)-one, 1,2-benzisothiazolin-3-one	(CAS-No.) 2634-33-5 (EC-No.) 220-120-9 (EC Index-No.) 613-088-00-6	(C >= 0,05) Skin Sens. 1, H317
2-methyl-2H-isothiazol-3-one	(CAS-No.) 2682-20-4 (EC-No.) 220-239-6	(C >= 0,01) EUH208 (C >= 0,1) Skin Sens. 1, H317
reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7], and 2-methyl-2H -isothiazol-3-one [EC no. 220-239-6] (3:1),	(CAS-No.) 55965-84-9 (EC Index-No.) 613-167-00-5	(C >= 0,0015) Skin Sens. 1, H317 ( 0,06 =<C < 0,6) Eye Irrit. 2, H319 ( 0,06 =<C < 0,6) Skin Irrit. 2, H315 (C >= 0,6) Skin Corr. 1B, H314

Full text of H-statements: see section 16

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

First-aid measures general	: In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person. If unconscious place in recovery position and seek medical advice.
First-aid measures after inhalation	: Remove to fresh air, keep patient warm and at rest. If breathing is irregular or stopped, administer artificial respiration. Give nothing by mouth.
First-aid measures after skin contact	: Remove contaminated clothing. Wash skin thoroughly with soap and water or use recognised skin cleanser. Do NOT use solvents or thinners.
First-aid measures after eye contact	: Remove contact lenses, irrigate copiously with clean, fresh water for at least 10 minutes, holding the eyelids apart and seek medical advice.
First-aid measures after ingestion	: If accidentally swallowed rinse the mouth with plenty of water (only if the person is conscious) and obtain immediate medical attention. Keep at rest. Do NOT induce vomiting.

### 4.2. Most important symptoms and effects, both acute and delayed

Symptoms/effects	: No information is on file to date regarding acute and/or delayed post-exposure symptoms and effects.
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### 4.3. Indication of any immediate medical attention and special treatment needed

No additional information available.

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### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

Suitable extinguishing media : carbon dioxide (CO<sub>2</sub>), powder, alcohol-resistant foam, water spray.  
Unsuitable extinguishing media : Do not use a heavy water stream.

#### 5.2. Special hazards arising from the substance or mixture

Fire hazard : Fire will produce dense black smoke. Exposure to decomposition products may cause a health hazard. Appropriate breathing apparatus may be required.

#### 5.3. Advice for firefighters

Precautionary measures fire : Cool closed containers exposed to fire with water.  
Other information : Do not allow run-off from fire fighting to enter drains or water courses.

### SECTION 6: Accidental release measures

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

##### 6.1.1. For non-emergency personnel

Protective equipment : Use personal protective equipment as required.  
Emergency procedures : Do not smoke. Ventilate area. Do not breathe vapours.

##### 6.1.2. For emergency responders

Protective equipment : Equip rescue crew with proper protection.  
Emergency procedures : No smoking. Ventilate area. Do not breathe vapours.

#### 6.2. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if product enters sewers or public waters.

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

Methods for cleaning up : Contain and collect spillage with non-combustible absorbent materials, e.g. sand, earth, vermiculite, diatomaceous earth and place in container for disposal according to local regulations (see section 13).  
Other information : Clean preferably with a detergent - avoid use of solvents.

#### 6.4. Reference to other sections

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

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

Precautions for safe handling : Keep container tightly closed. Avoid contact with skin and eyes. Avoid inhalation of vapour and spray mist. Never use pressure to empty : container is not a pressure vessel. Always keep in containers of same material as the original one. For personal protection see Section 8. Comply with the health and safety at work laws.  
Hygiene measures : Smoking, eating and drinking should be prohibited in application area.

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

Storage conditions : Store in accordance with local/national regulations.  
Storage temperature : 5 - 30 °C Store in a dry, well ventilated place away from sources of heat, ignition and direct sunlight  
Information on mixed storage : Store separately from oxidising agents and strongly alkaline and strongly acidic materials.  
Storage area : Prevent unauthorised access.  
Special rules on packaging : Containers which are opened must be carefully resealed and kept upright to prevent leakage.

#### 7.3. Specific end use(s)

No additional information available

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

SPS Renocryl roof - anthracite		
Netherlands	Grenswaarde TGG 8H (mg/m <sup>3</sup> )	There are no data available on the preparation itself.
<b>Mica;Silicates (less than 1% crystalline silica) : Mica (respirable dust);Glimmer;Mica # Mica;Mika (tinjac, liskum);Mika # Mica; 云母尘 # Mica dust (12001-26-2)</b>		
United Kingdom	WEL TWA (mg/m <sup>3</sup> )	10 mg/m <sup>3</sup>

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### 8.2. Exposure controls

#### Appropriate engineering controls:

Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and solvent vapour below the OEL, suitable respiratory protection must be worn.

#### Personal protective equipment:

Protective goggles. Gloves. In case of inadequate ventilation wear respiratory protection.

#### Hand protection:

There is no one glove material or combination of materials that will give unlimited resistance to any individual or combination of chemicals. For prolonged contact, use rubber or neoprene gloves. The breakthrough time must be greater than the end use time of the product. The instructions and information provided by the glove manufacturer on use, storage, maintenance and replacement must be followed. Gloves should be replaced regularly and if there is any sign of damage to the glove material. Always ensure that gloves are free from defects and that they are stored and used correctly. The performance or effectiveness of the glove may be reduced by physical/ chemical damage and poor maintenance. Barrier creams may help to protect the exposed areas of the skin, they should however not be applied once exposure has occurred.

#### Eye protection:

Use safety eyewear designed to protect against splash of liquids.

#### Skin and body protection:

Cotton or cotton/synthetic overalls or coveralls are normally suitable. Every part of the skin which had contact with the product should have been washed thoroughly.

#### Respiratory protection:

If workers are exposed to concentrations above the exposure limit they must use appropriate, certified respirators.



## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Colour	: Anthracite.
Odour	: Characteristic.
Odour threshold	: No data available
pH	: 8 - 9 @ 20 °C
Relative evaporation rate (butylacetate=1)	: No data available
Melting point	: No data available
Freezing point	: 0 °C Water
Boiling point	: 100 °C Water
Flash point	: Not applicable
Auto-ignition temperature	: The product does not ignites spontaneously.
Decomposition temperature	: When exposed to heat, may decompose liberating hazardous gases
Flammability (solid, gas)	: The product is not flammable
Vapour pressure	: No data available
Relative vapour density at 20 °C	: No data available
Relative density	: No data available
Density	: ≈ 1,20 g/cm <sup>3</sup> @ 20 °C
Solubility	: Miscible with water.
Log Pow	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: 3500 - 4000 cP @ 20 °C (Brookfield Sp. 6/50 r.p.m.)
Explosive properties	: No dangerous reactions known.
Oxidising properties	: No data available.
Explosive limits	: No data available

### 9.2. Other information

VOC content : Out of scope of the VOC Directive 2004/42/EC

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### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

No dangerous reactions known.

#### 10.2. Chemical stability

Stable under recommended storage and handling conditions (see section 7).

#### 10.3. Possibility of hazardous reactions

Keep away from oxidising agents, strongly alkaline and strongly acid materials in order to avoid exothermic reactions.

#### 10.4. Conditions to avoid

When exposed to high temperatures may produce hazardous decomposition products.

#### 10.5. Incompatible materials

See Heading 7.

#### 10.6. Hazardous decomposition products

Such as carbon monoxide and dioxide, smoke, oxides of nitrogen etc.

### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

Acute toxicity (oral) : Not classified

Acute toxicity (dermal) : Not classified

Acute toxicity (inhalation) : Not classified

Skin corrosion/irritation : Repeated or prolonged contact with the product may lead to removal of natural fats from the skin resulting in non-allergic contact dermatitis and absorption through the skin  
pH: 8 - 9 @ 20 °C

Serious eye damage/irritation : The liquid splashed in the eyes may cause irritation and reversible damage.  
pH: 8 - 9 @ 20 °C

Respiratory or skin sensitisation : Not classified

Germ cell mutagenicity : Not classified

Carcinogenicity : Not classified

Reproductive toxicity : Not classified

STOT-single exposure : Not classified

STOT-repeated exposure : Not classified

Aspiration hazard : Not classified

Potential adverse human health effects and symptoms : This takes into account, where known, delayed and immediate effects and also chronic effects of components from short-term and long-term exposure by oral, inhalation and dermal routes of exposure and eye contact.

### SECTION 12: Ecological information

#### 12.1. Toxicity

Ecology - general : The mixture has been assessed following the conventional method of the Regulation (EC) No. 1272/2008 [CLP] and is not classified as dangerous for the environment, but contains substance(s) dangerous for the environment. See Heading 3.

Acute aquatic toxicity : Not classified

Chronic aquatic toxicity : Not classified

**reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7], and 2-methyl-2H -isothiazol-3-one [EC no. 220-239-6] (3:1), (55965-84-9)**

LC50 fish 1	0,22 mg/l (Oncorhynchus mykiss)
EC50 Daphnia 1	0,12 mg/l
ErC50 (algae)	0,048 mg/l pseudokirchneriella subcapitata

**1,2-benzisothiazol-3(2H)-one, 1,2-benzisothiazolin-3-one (2634-33-5)**

LC50 fish 1	1,6 mg/l [Oncorhynchus mykiss, 96h]
EC50 Daphnia 1	4,8 mg/l
ErC50 (algae)	0,11 mg/l [Selenastrum capricornutum, 72h]

**2-methyl-2H-isothiazol-3-one (2682-20-4)**

LC50 fish 1	6 mg/l [Oncorhynchus mykiss, 96h]
EC50 Daphnia 1	1,68 mg/l [48h]

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<b>2-methyl-2H-isothiazol-3-one (2682-20-4)</b>	
ErC50 (algae)	0,157 mg/l [pseudokirchneriella subcapitata, 72h]

### 12.2. Persistence and degradability

<b>SPS Renocryl roof - anthracite</b>	
Persistence and degradability	There are no data available on the preparation itself.

### 12.3. Bioaccumulative potential

<b>SPS Renocryl roof - anthracite</b>	
Log Pow	No data available
Bioaccumulative potential	There are no data available on the preparation itself.
<b>1,2-benzisothiazol-3(2H)-one, 1,2-benzisothiazolin-3-one (2634-33-5)</b>	
BCF fish 1	6,95 (OECD 305)
Log Kow	0,7 (OECD 117)

<b>2-methyl-2H-isothiazol-3-one (2682-20-4)</b>	
Bioconcentration factor (BCF REACH)	3,16
Log Kow	-0,32

### 12.4. Mobility in soil

<b>SPS Renocryl roof - anthracite</b>	
Ecology - soil	There are no data available on the preparation itself.

### 12.5. Results of PBT and vPvB assessment

<b>SPS Renocryl roof - anthracite</b>	
This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII	
This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII	

### 12.6. Other adverse effects

Additional information : Product may not flow into sewer or superficial water

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Regional legislation (waste) : Do not allow to enter drains or water courses.  
Product/Packaging disposal recommendations : Dispose of this material and its container to hazardous or special waste collection point.  
Additional information : Uncleaned packaging: Recommendation: Not completely empty packaging must be treated complying Directive 91/689/EEC.  
European List of Waste (LoW) code : 08 00 00 - WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS  
08 01 12 - waste paint and varnish other than those mentioned in 08 01 11

## SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

ADR	IMDG	IATA	ADN	RID
<b>14.1. UN number</b>				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
<b>14.2. UN proper shipping name</b>				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
<b>14.3. Transport hazard class(es)</b>				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
<b>14.4. Packing group</b>				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
<b>14.5. Environmental hazards</b>				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
No supplementary information available				

### 14.6. Special precautions for user

Special transport precautions : Transport within user's premises: Always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

### - Overland transport

Not applicable

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### - Transport by sea

Not applicable

### - Air transport

Not applicable

### - Inland waterway transport

Not applicable

### - Rail transport

Not applicable

### 14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

IBC code : Not determined.  
Ship type : Not determined.  
Pollution category : Not determined.

## SECTION 15: Regulatory information

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

#### 15.1.1. EU-Regulations

Contains no REACH substances with Annex XVII restrictions

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

VOC content : Out of scope of the VOC Directive 2004/42/EC

#### 15.1.2. National regulations

No additional information available

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

## SECTION 16: Other information

Indication of changes:

Section	Changed item	Change	Comments
1.1	Product code	Modified	

Full text of H- and EUH-statements:

Acute Tox. 2 (Inhalation:vapour)	Acute toxicity (inhalation:vapour) Category 2
Acute Tox. 3 (Dermal)	Acute toxicity (dermal), Category 3
Acute Tox. 3 (Inhalation)	Acute toxicity (inhal.), Category 3
Acute Tox. 3 (Oral)	Acute toxicity (oral), Category 3
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Aquatic Acute 1	Hazardous to the aquatic environment — Acute Hazard, Category 1
Aquatic Chronic 1	Hazardous to the aquatic environment — Chronic Hazard, Category 1
Aquatic Chronic 2	Hazardous to the aquatic environment — Chronic Hazard, Category 2
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Skin Corr. 1B	Skin corrosion/irritation, Category 1B
Skin Irrit. 2	Skin corrosion/irritation, Category 2
Skin Sens. 1	Skin sensitisation, Category 1
Skin Sens. 1A	Skin sensitisation, category 1A
H301	Toxic if swallowed
H302	Harmful if swallowed
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

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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
EUH208	Contains . May produce an allergic reaction
EUH210	Safety data sheet available on request

SDS EU (REACH Annex II)

*This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product*