



## SAFETY DATA SHEET

### VentGuard Special Coating, SC50

Conforms to Regulation (EC) No. 1907/2006 (REACH), Annex II, as amended by Regulation (EU) No. 2015/830  
- Europe

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

##### 1.1 Product identifier

Product name                      VentGuard Special Coating, SC50, Component 1  
Product type                        Paint, fluid (base for 2-component product)

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

Field of application:              Ventilation ducts  
Identified users:                  Industrial applications: Applications of substances as such or in chemical products \* at industrial plants  
Professional applications: Public area (administration, education, amusement, services, craftsmen)  
Use not recommended:        Consumer use, the product is not intended for consumer use

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

Company details:                  European AirVent. Technology (E-AT),  
Strandlodsvej 7, 2300 KBH S  
Telephone no .: +45 53 89 24 44  
info@e-at.dk  
Date of issue:                      07-06- 2018

##### 1.4 Emergency telephone number

Emergency telephone number (with hours of operation)  
+ 45 20 33 00 63 (08.00-17.00 European standard time)  
See section 4 for first aid measures



## SECTION 2: Hazard identification

### 2.1 Classification of the substance or mixture

Product Definition: Mixture

Classification according to Regulation (EC) No 1272/2008 of the European Parliament and of the Council [CLP / GHS]

Skin Sens. 1, H317

Aquatic Chronic 3, H412

See the full text of the R-phrases or H statements mentioned above in section 16. See section 11 for more detailed information on health effects and symptoms.

### 2.2 Label elements

Signal word: Warning

Hazard statements: H412 - Harmful to aquatic organisms, with long lasting effects.

H317 - May cause an allergic skin reaction.

Hazard pictograms:



### Precautionary statements

Prevention	Avoid inhalation of vapors or spray. Wear protective gloves as well as eye and face protection: nitrile rubber gloves and protective goggles with side shield. Avoid release to the environment
Response	IF SKIN CONTACT: Wash with plenty of soap and water. In case of skin irritation or spillage: seek medical attention
Storage	2 years in unopened buckets, provided the product is stored in tightly closed original packaging in a cool, dry and frost-free place at temperatures between 5 ° and 35 ° C
Disposal	The contents / containers are disposed of in accordance with local, regional, national and international regulations



Supplemental label: Not applicable  
elements

Annex XVII - Restrictions on the manufacture, placing on the market and use of certain hazardous substances, chemical products and articles: Not applicable.

Special requirements for packaging / packaging

Containers which must be fitted with child resistant closures: Not applicable.

Tactile warning of danger: Not applicable.

**2.3 Other hazards**

The substance meets the criteria for PBT according to Regulation (EC) No. 1907/2006, Annex XIII: No. P: Not available. B: Not available. T: No.

The substance meets the criteria for vPvB according to Regulation (EC) No. 1907/2006, Annex XIII: Not available.

Other hazards which do not involve classification: None known

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

Product/ingredient name	Identifiers	%	Classification 67/548/EØF	Regulation (EC) no. 1272/2008 [CLP]	Type
1-methoxypropan-2-ol	REACH #: 01-2119457435-35 EF: 203-539-1 CAS: 107-98-2 Indeks: 603-064-00-3	<15	R10 R67	Flam. Liq. 3, H226 STOT SE 3, H336	[1] [2]
Polyisobutylene	EF: 500-004-7 CAS: 9003-27-4	<25	R53	Aquatic Chronic 4, H413	[1]
bis(isopropyl) naphthalene	REACH #: 01-2119565150-48 EF: 254-	<10	Xn: R65 R53	Asp. Tox. 1, H304 Aquatic	[1]



	052-6 CAS: 38640-62-9			Chronic 1, H410	
pyrithionzinc	EF: 236-671-3 CAS: 13463- 41-7	<0,1	T; R23/25 Xi; R41 N; R50	Acute Tox. 3, H301 Acute Tox. 3, H331 Eye Dam. 1, H318 Aquatic Acute 1, H400	[1]
terbutryne	EF: 212-950-5 CAS: 886-50-0	<0,1	Xn; R22 R43 N; R50/53	Acute Tox. 4, H302 Skin Sens. 1, H317 Aquatic Acute 1, H400 Aquatic Chronic 1, H410	[1]
Reaction mixture of: 5-chlor-2-methyl-4- isothiazolin-3-on [EF-no. 247-500-7] og 2-methyl-2H- isothiazol-3-on [EF- no. 220-239-6] (3:1)	EF: 611-341-5 CAS: 55965- 84-9 Index: 613-167-00-5	0,0015 - <0,06	T; R23/24/25 C; R34 R43 N; R50/53	Acute Tox. 3, H301 Acute Tox. 3, H311 Acute Tox. 3, H331 Skin Corr. 1B, H314 Eye Dam. 1, H318 Skin Sens. 1, H317 Aquatic Acute 1, H400 Aquatic Chronic 1, H410	[1]

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

#### Type

- [1] Substance classified with a health or environmental hazard
- [2] Substance with a workplace exposure limit, see section 8.
- [3] Substance meets the criteria for PBT according to Regulation (EC) No. 1907/2006, Annex XIII
- [4] Substance meets the criteria for vPvB according to Regulation (EC) No. 1907/2006, Annex XIII
- [5] Substance of equivalent concern [6] Additional disclosure due to company policy

See the full text of the R-phrases or H statements mentioned above in section 16.

## SECTION 4: First aid measures

### 4.1 Description of first aid measures



General	In case of doubt or persistent symptoms seek medical attention. Never give anything by mouth to an unconscious person. In case of unconsciousness, make sure airways are clear and seek medical attention.
Eye contact	Check for and remove if necessary. contact lenses. Immediately flush eyes with running water for at least 15 minutes while keeping eyelids open. Seek medical attention immediately.
Inhalation	Remove person to fresh air. Keep the person warm and at rest. If there is no breathing, if breathing is irregular or if breathing ceases, ensure artificial respiration or oxygen from trained personnel
Skin contact	Remove contaminated clothing and shoes. Wash skin thoroughly with water and soap or use a suitable skin cleanser. DO NOT use solvents or thinners.
Ingestion	If swallowed, seek medical advice immediately and show this container or label. Keep the person warm and at rest. Do not induce vomiting
First Aiders (Protection):	No action shall be taken that involves personal risk or without appropriate training. It may be dangerous for the person who provides help to provide mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing or wearing gloves.

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

##### Potential acute health effects – and signs/symptoms

Eye contact:	Can cause irritation (pain, redness, watering) and reversible damage.
Inhalation:	No known significant effects or critical hazards
Skin contact:	Can cause pain, redness and/or irritation, if contact is repeated or prolonged: May cause removal of natural fat from the skin and cause non-allergic contact dermatitis and absorption through the skin.
Ingestion:	No known significant effects or critical hazards

This includes known, delayed and immediate effects as well as chronic effects of components after short or prolonged exposure through mouth or skin, by inhalation and eye contact

Contains polypropylene glycol alkyl phenyl ether, Reaction mixture 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). May cause allergic reaction.

#### 4.3 Indication of immediate medical attention and special treatment needed

Remarks to the physician.	Treat symptomatically. Contact a physician or emergency room immediately if large amounts have been taken or inhaled.
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Specific treatments

No specific treatment.

See toxicological information (item 11)

## SECTION 5: Firefighting

### 5.1 Extinguishing media

Suitable extinguishing media Recommended: Alcohol resistant foam, carbon dioxide, powders, water spray

Unsuitable extinguishing media - Do not use water jet

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

Danger of substance or mixture

Fire will produce dense black smoke. Exposure to decomposition products may present a health hazard.

Hazardous decomposition products upon heating

Decomposition products may include the following materials: carbon monoxide, carbon dioxide, smoke, nitrogen oxides.

### 5.3 Advice for firefighters

Special protective measures for fire-fighters

Closed containers exposed to fire should be cooled with water. Do not discharge from fire to drains and water pipes.

Suitable respiratory equipment may be necessary.

More information:

No unusual hazard if involved in fire.

## SECTION 6: Accidental release measures

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

For non-emergency personnel:

Remove potentially ignition sources and valves area. Avoid inhalation of vapors or spray mist. Also read the protection measures listed in sections 7 and 8.



For emergency personnel:

If special clothing is required to handle the spill, be aware of all the information in section 8 for appropriate and inappropriate materials. See also the information under "For non-emergency personnel".

## 6.2 Environmental precautions

Do not pour into drains or streams. If the product contaminates lakes, streams or sewers, inform the appropriate authorities in accordance with applicable regulations.

## 6.3 Methods and equipment for containment and clean up

Spillage is limited and collected with non-flammable absorbent material, eg. sand, soil, vermiculite, diatomaceous earth and placed in a container and disposed of in accordance with applicable regulations (see Section 13). Always clean with detergents, avoid using solvents

## 6.4 Reference to other sections

See Section 1 for contact information in emergency situations. See Section 8 for information on appropriate personal protective equipment. See Section 13 for more information on waste management

# SECTION 7: Handling and storage

## 7.1 Precautions for safe handling

Keep away from heat, sparks and fire. Do not use sparking tools. Avoid contact with skin and eyes. Avoid inhalation of dust, particulate matter, spray or mist resulting from the use of this mixture. Avoid inhaling abrasive dust. Smoking, food and drink are not permitted in areas where this product is handled, stored and processed. Use suitable personal protective equipment (see section 8). Never use pressure when emptying. The container is not a pressure vessel. Always store in containers of the same material as the original. Follow the rules in the Working Environment Act. Do not pour into drains or streams.

## 7.2 Conditions for safe storage, including any incompatibilities

Store in accordance with local regulations. Notes on common storage Keep away from: oxidizing agents, strong bases, strong acids. Further information about storage conditions Follow the precautions on the label. Do not store below the following temperature: 0 ° C (32 ° F). Store in a dry, cool and well-ventilated place. Keep away from heat and direct sunlight. Keep away from sources of ignition. No smoking. Prevent unauthorized access. Open containers should be carefully closed and stored upright to prevent leakage.

## 7.3 Specific and use(s)

See separate Product Data Sheet for recommendations or industrial sector specific solutions.



## SECTION 8: Exposure controls / personal protection

### 8.1 Control parameters

#### Occupational Exposure Limits

Product / ingredient name: 1-methoxypropan-2-ol

Exposure limit Values: Labor Inspection (Denmark, 10/2012). Absorbed through the skin. Average values: 50 ppm 8 hours. Mean values: 185 mg / m<sup>3</sup> 8 hours.

#### Recommended monitoring procedures:

If this product contains ingredients with exposure limits, personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment. Reference should be made to monitoring standards, such as the following: European Standard EN 689 (Workplace atmospheres - Guidance for the assessment of exposure by inhalation to chemical agents for comparison with limit values and measurement strategy) European Standard EN 14042 (Workplace atmospheres - Guide for the application and use of procedures for the assessment of exposure to chemical and biological agents) European Standard EN 482 (Workplace atmospheres - General requirements for the performance of procedures for the measurement of chemical agents) Reference to national guidance documents for methods for the determination of hazardous substances will also be required.

#### Derived effect levels – DNEL's / DMEL's

Product/ingredient name	Type	Exposure	Value	Population	Effects
1-methoxypropan-2-ol	DNEL	short term inhalation	553,5 mg/ m <sup>3</sup> 369 mg/m <sup>3</sup>	Worker	Local
	DNEL	Long-term inhalation	50,6 mg/ kg	Worker	Systemic
	DNEL	Long-term Derma	bw/dag 43,9 mg/m <sup>3</sup>	Worker	Systemic
	DNEL	Long-term Inhalation	18,1 mg/ kg bw/dag	Consumer	Systemic
	DNEL	Long-term Dermal	3,3 mg/kg bw/dag	Consumer	Systemic
	DNEL	Long-term Oral		Consumer	Systemic
bis(isopropyl) naphthalene	DNEL	Long-term Dermal	4,3 mg/kg bw/dag	Worker	-
	DNEL	Long-term Inhalation	30 mg/m <sup>3</sup>	Worker	-
	DNEL	Long-term Oral	2,1 mg/kg	Consumer	-
	DNEL		2,1 mg/kg	Consumer	-





	DNEL	Long-term Dermal Long-term Inhalation	7,4 mg/m <sup>3</sup>	Consumer	-
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### Predicted effect concentrations – PNEC's

Product/ingredient name	Container information	Value
1-methoxypropan-2-ol	Fresh water	10 mg/l
	Fresh water sediment	41,6 mg/l
	Marine water sediment	4,17 mg/l
	Earth/soil	2,47 mg/l
	Wastewater treatment plant	100 mg/l
bis(isopropyl) naphthalene	Fresh water	0,26 µg/l
	Fresh water sediment	0,026 µg/l
	Marine water sediment	0,094 mg/kg dwt
	Earth/soil	0,019 mg/kg dwt
	Wastewater treatment plant	0,15 mg/l

## 8.2 Exposure controls

### Appropriate engineering controls

Ensure adequate ventilation. Where possible, this should be achieved by means of local exhaust and adequate ventilation. If this is not enough to keep the concentrations of particulates and vapors from solvents below the limit values, wear suitable respiratory equipment in accordance with applicable legislation.

### Individual protective measures

**Hygiene measures**                      Wash hands, forearms and face thoroughly after handling chemical products before eating, smoking or using a toilet and at the end of the work period. The proper techniques should be used to remove clothing that may be contaminated. Wash contaminated clothing before reuse. Make sure that the washing station and emergency shower are close to the workstation location.

**Eye / face protection**                      Protective goggles with side skirt. (EN166)



Hand protection	<p>There is no glove material or combination of materials that will provide unrestricted resistance to any individual chemical or mixture of chemicals. Breakthrough time must be greater than the end-use time of the product. The glove manufacturer's instructions and information on use, storage, maintenance and replacement must be followed. Gloves should be replaced on a regular basis and if there is evidence of damage to the glove material. Always make sure the gloves are free from defects and that they are stored and used correctly. The performance or effectiveness of the glove may be impaired by physical / chemical damage and poor maintenance. Protective creams can protect the exposed skin areas but should not be applied after skin exposure has been exposed.</p>
Gloves	<p>In case of repeated or repeated use, the following types of gloves should be used: Recommended: nitrile rubber</p> <p>The recommendation of the type or types of gloves to be used when handling the product is based on information from the following source: EN 374-3: 2003</p> <p>The user must ensure that the final choice of glove type is the best fit based on the applicable conditions and risk assessment for the use of this product.</p>
Body protection	<p>Overall or long-sleeved shirt. (EN 467)</p>
Other skin protection	<p>Appropriate footwear and all additional skin protection measures should be chosen based on the task to be performed and the risks involved and should be approved by a specialist before handling this product.</p>
Respiratory protection	<p>Use appropriate respiratory protection if ventilation is not possible. In case of spraying and sandblasting use suitable respiratory protective equipment.</p> <p>The choice of respirator must be based on known or expected exposure levels, the hazard of the product and ensure the operating limits of the selected respirator. Recommended: - Filter from vapor from organic solvents (Filter Type A) and particles (EN 141)</p>

### Environment exposure controls

Do not pour into drains or streams

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties



VentGuard Special Coating, SC50  
Component 1, Paint



Physical state:	Liquid
Color:	Dark Grey
Odor:	Not available
PH value:	8 to 9
Melting point: / freezing point	0°C
Boiling point:	> 100 °C
Flash point:	Not flammable, does not support combustion
Evaporation rate:	<1
Flammability:	Non-flammable in the presence of the following materials or conditions: open flames, sparks and static electricity, heat and shock and mechanical shock. Not flammable but will burn by prolonged exposure to open fire or high temperatures.
Upper / lower explosive: (flammable) limit	Not relevant
Incineration time:	Not applicable.
Incineration rate:	Not applicable.
Vapor Pressure:	Not available
Vapor density:	> 1 (air = 1)
Relative density:	1.26
Solubility:	Soluble in the following materials: cold water and hot water. Very slightly soluble in the following materials: methanol and acetone.
Solubility in water:	Not available.
Partition coefficient (LogKow)	Testing not relevant or not possible due to nature of the product
Autoignition temperature:	Not available.
Decomposition: temperature	Not available.
Viscosity:	Dynamic, 6000mPa's
Explosive properties:	Not applicable
Oxidizing properties:	Not available.

## 9.2 Other information



No further information

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

No specific test data related to reactivity are available for this product or its ingredients.

### 10.2 Chemical stability

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

### 10.3 Possibility of hazardous reactions

Under normal storage and use conditions, no hazardous reactions occur.

### 10.4 Conditions to avoid

In case of exposure to high temperatures hazardous decomposition products may form

### 10.5 Incompatible materials

Avoid contact with the following materials to avoid strong exothermic reactions: oxidizing agents, strong bases, strong acids.

### 10.6 Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be formed. . In case of fire, toxic gases CO, CO<sub>2</sub> and smoke can develop.

## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

Acute toxicity There are no data on the mixture itself. See sections 2 and 3 for details. Repeated or prolonged contact with the mixture may cause removal of natural fat from the skin and cause non-allergic contact dermatitis and absorption through the skin. If the liquid comes into contact with the eyes, it can cause irritation and reversible damage. This includes known, delayed and immediate effects as well as chronic effects of components after short or prolonged exposure through mouth or skin, inhalation and eye contact.



Contains polypropylene glycol alkyl phenyl ether, Reaction mixture 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). May cause allergic reaction.

#### Acute toxicity

Product/ingredient name	Result	Species	Dose	Exposure
1-methoxypropan-2-ol	LC50 Inhalation Vapor LD50 Dermal LD50 Oral	Rat Rabbit Rat	55000 mg/m <sup>3</sup> 13 g/kg 6600 mg/kg	4 hours
polyisobutylene	LD50 Dermal LD50 Oral	Rat Rat	>10250 mg/kg >34600 mg/kg	
bis(isopropyl) naphthalene	LC50 Inhalation Vapor LD50 Dermal LD50 Oral	Rat Rat Rat	5,64 mg/l 4500 mg/kg 4000 mg/kg	4 hours
pyrithionzinc	LC50 Inhalation Dusts and mists LD50 Dermal LD50 Oral	Rat Rabbit Rat	140 mg/m <sup>3</sup> 100 mg/kg 177 mg/kg	4 hours
terbutryne	LC50 Inhalation Dusts and mists LD50 Dermal LD50 Oral	Rat Rabbit Rat	>2200 mg/l 2045 mg/kg	4 hours
Reaction mixture of: 5-chlor-2-methyl-4-isothiazolin-3-on [EF-no. 247-500-7] og 2-methyl-2H-isothiazol-3-on [EF-no. 220-239-6] (3:1)	LD50 Oral	Rat	53 mg/kg	

#### Irritation/Corrosion

Product/ingredient name	Result	Species	Score	Exposure
1-methoxypropan-2-ol	Eyes - Mild irritant Skin - Mild irritant	Rabbit Rabbit	- -	24 hours 500 milligrams
bis(isopropyl) naphthalene	Skin – edema Eye - Cornea unclarity	Rabbit Rabbit	0 0	- -



terbutryne	Eye - Moderate irritant Skin – mild irritant	Rabbit Rabbit	- -	24 hours 76 milligrams  24 hours 380 milligrams
Reaction mixture of: 5-chlor-2-methyl-4-isothiazolin-3-on [EF-no. 247-500-7] og 2-methyl-2H-isothiazol-3-on [EF-no. 220-239-6] (3:1)	Skin - Severe irritant	Human	-	0,01 %

#### Sensitizer

Product/ingredient name	Route of exposure	Species	Result
bis(isopropyl) naphthalene	Skin	Guinea pig	No Sensitizing

#### Mutagenic effects

Product/ingredient name	Test	Experiment	Result
bis(isopropyl)	OECD 471	Experiment: In vitro Subject: bacteria	Negative
naphthalene	OECD 473+476	Experiment: In vitro Subject: animal	Negative

#### Carcinogenicity

Product/ingredient name	Result	Species	Dose	Exposure
bis(isopropyl) naphthalene	Negative – No reports	Rat	-	-

#### Reproductive toxicity

No known significant effects or critical hazards

#### Teratogenic effects

No known significant effects or critical hazards.



Specific target organ toxicity (single exposure)

Product/ingredient name	Category	Route of exposure	Target organs
1-methoxypropan-2-ol	Category 3	Not applicable.	Narcotic effects

Specific target organ toxicity (repeated exposure)

No known significant effects or critical hazards.

Aspiration hazard

Product/ingredient name	Result
bis(isopropyl) naphthalene	ASPIRATION HAZARD - Category 1

SECTION 12: Ecological information

12.1 Toxicity

Do not allow to enter drains or watercourses. Harmful to aquatic life with long lasting effects.

Product/ingredient name	Result	Species	Exposure
1-methoxypropan-2-ol	Acute EC50 >1000 mg/l	Algae – Selenastrum Capricomutum	7 Days
	Acute EC50 >23300 mg/l	Daphnia spec	96 Hours
	Acute EC50 >20800 mg/l	Fish	96 Hours
bis(isopropyl) naphthalene	Acute EC10 >0,15 mg/l	Algae	72 Hours
	Acute EC10 >0,16 mg/l	Daphnia spec	48 Hours
	Acute EC10 >0,5 mg/l	Fish	96 Hours
	Acute NOEC >0,013 mg/l	Daphnia spec	21 Hours
pyrithionzinc	Acute EC50 0,51 µg/l Seawater	Algae - Thalassiosira pseudonana	96 Hours
	Acute EC50 38 µg/l Fresh water	crustaceans - Ilyocypris dentifera	48 Hours
	Acute EC50 0,80 µg/l Fresh water	crustaceans - Chydorus sphaericus	48 Hours
	Acute EC50 8,25 ppb Fresh water	Daphnia spec. - Daphnia magna	48 Hours
	Acute EC50 61 µg/l Fresh water	Daphnia spec. - Daphnia magna Nauplii	48 Hours
	Acute LC50 2,68 ppb	Fish - Pimephales	96 Hours
	Chronic EC10 0,36 µg/l Seawater	promelas	
		Algae - Thalassiosira pseudonana	96 Hours



terbutryne	Acute EC50 2 µg/l Fresh Water	Algae - Pseudokirchneriella subcapitata	72 Hours
	Acute IC50 0,0055 mg/l Acute LC50 1,8 to 1400 µg/l Freshwater	Algae Fish- Carassius carassius	72 Hours 96 Hours
	Acute EC50 0,027 mg/l	Algae - Selenastrum capricornutum	72 Hours
Reaction mixture of: 5-chlor-2-methyl-4-isothiazolin-3-on [EF-no. 247-500-7] og 2-methyl-2H-isothiazol-3-on [EF-no. 220-239-6] (3:1)	Acute EC50 0,126 mg/l	Daphnia spec	48 Hours
	Acute LC50 0,28 mg/l	Fish	96 Hours
	Acute LC50 0,188 mg/l	Fish	96 Hours
	Acute NOEC 0,098 mg/l	Fish	96 Hours

## 12.2 Persistence and degradability

Product/ingredient name	Test	Result	Dose
1-methoxypropan-2-o	OECD 301E	96 % - Readily - 28 days >90 % - Readily - 5 days	1,95 gO <sub>2</sub> /g ThOD
Reaction mixture of: 5-chlor-2-methyl-4-isothiazolin-3-on [EF-no. 247-500-7] og 2-methyl-2H-isothiazol-3-on [EF-no. 220-239-6] (3:1)	OECD 301C OECD 301D	88 til 92 % - Readily - 28 days >60 % - Readily - 28 days	

Product/ingredient name	Aquatic half-life	Photolysis	Biodegradability
1-methoxypropan-2-o bis(isopropyl) naphthalen	Fresh water < 28 days	>70%; < 28 days	Readily Readily
Reaction mixture of: 5-chlor-2-methyl-4-isothiazolin-3-on [EF-no. 247-500-7] og 2-methyl-2H-isothiazol-3-on [EF-no. 220-239-6] (3:1)	Fresh water < 2,5 days		Readily

## 12.3 Bioaccumulative potential

Product/ingredient name	LogP <sub>ow</sub>	BCF	Potential
1-methoxypropan-2-o	0,49	<100	Low





bis(isopropyl) naphthalene	>4	1862,087136662	High
pyrithionzinc	0,9		Low
terbutryne	3,2		Low
Reaction mixture of: 5-chlor-2-methyl-4-isothiazolin-3-on [EF-no. 247-500-7] og 2-methyl-2H-isothiazol-3-on [EF-no. 220-239-6] (3:1)	-0,83 to 0,75		Low

#### 12.4 Mobility in soil

Soil/water partition coefficient (K<sub>oc</sub>) No known data available in our database.

Mobility : No known data available in our database

#### 12.5 Results of PBT and vPvB assessment

PBT : Not applicable

vPvB : Not applicable

#### 12.6 Other adverse effects

No known significant effects or critical hazards.

### SECTION 13: Disposal considerations

#### 13.1 Waste treatment methods

##### Product / Paint

Methods of disposal Production of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any local and regional authorities' requirements. Surplus products and non-recyclable products can be disposed of via an approved waste disposal system. Untreated waste must not be disposed of in the sewage unless it is complete in accordance with all competent authority requirements.

Hazardous waste Yes



**Disposal** Must not be poured into drains or watercourses. Dispose of in accordance with local authority instructions. If this product is mixed with other waste, the original waste code will no longer apply, and the appropriate waste code will be reallocated. Contact the local waste authority for more information.

**Waste designation:** Aqueous sludge containing paint or varnish containing organic solvents or other hazardous substances

According to the European Waste Catalog (EWC), the product's waste classification is:

European waste catalogue (EWC) code: 08 01 15 \*

### Packaging

**Methods of disposal** Production of waste should be avoided or minimized wherever possible. Waste packaging should be recycled. Incineration or landfilling should only be considered if recovery is not possible.

**Disposal** Use the information contained in this safety data sheet to obtain advice from the relevant waste authorities regarding the classification of empty containers. Empty containers must be scrapped or cleaned. Containers that have not been emptied are hazardous waste.

**Special Precautions** The material and its container must be disposed of safely. Care must be taken when handling empty containers that have not been cleaned or rinsed off. Empty containers or inner clothing may contain residues from the product. Avoid dispersal of spilled material and drainage and contact with soil, waterways, drains and sewers.

## SECTION 14: Transport information

Transport may take place according to national regulation or ADR for transport by road, RID for transport by train, IMDG for transport by sea, IATA for transport by air

	14.1 UN no	14.2 Proper shipping name	14.3 Transport hazard class(es)	14.4 Packing group	14.5 Environmental hazards	Additional information
ADR/RID Class	-	-	-	-	No	-
IMDG Class	-	-	-	-	No	-
IATA Class	-	-	-	-	No	-

### 14.6 Special precautions for user

**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.



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

Not applicable.

### SECTION 15: Regulatory information

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

EU Regulation (EC) No. 1907/2006 (REACH) Annex XIV - List of substances subject to authorization -  
Substances of very high concern

##### Annex XIV

None of the ingredients are listed.

##### Substances of very high concern

None of the components are listed.

Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous  
substances, mixtures and articles

Not applicable

The information in this safety data sheet does not replace the user's own risk assessment of the workplace,  
which is required by other occupational health and safety legislation. The precautionary measures in national  
occupational health and safety legislation must be observed for professional use of this product.

CN code: 3209 10 00

##### Other EU rules

VOC for ready-to-use mixture: 2004/42 / EC - IIA / i: 140g / l (2007) 140g / l (2010). <= 54g / l VOC.

Europe's register: Not determined.

Priority Chemicals (793/93 / EEC): Listed

##### National rules

##### Mal Code (1993): 1-3

Protection based on MAL code: According to the Order on Work with Code-Numbered Products, the  
following provisions apply for personal protective equipment:

General: For all work that may cause contamination, gloves should be used. Apron / overcoat suit /  
protective suit should be used where there is soiling such that normal working clothes do not effectively



VentGuard Special Coating, SC50  
Component 1, Paint



protect against skin contact with the product. If a full face mask is not recommended, face shield should be used for splashing work. Optional eye protection may be void if so.

In all spraying operations where there is a return spray (setback), wear respirators and armor / apron / suits / protective suit as recommended or instructed.

**Mal Code (1993): 1-3**

Application: Using spatula, brush, roller and the like. for pre- and finishing in cabin or boxes of the existing \* facility if the operator is in the spray zone.

Cover suit must be used.

In case of shutdown, cleaning and repair of a closed facility, spray box or cabin if there is a risk of contact with wet paint or organic solvents

Gas filter mask and coating suit must be used

When spraying into existing \* syringes, if the operator is outside the spray zone. - Full mask with combi filters, lapters and apron should be used. For spraying without aerosol formation in existing \* combi cabins, spray booths and syringes where the operator is inside the spray zone.

Use air-conditioned half mask and eye protection

For all aerosol spraying in a cabin or sprayer where the operator is in the spray area and spraying outside enclosed plant, cabin or box.

An air-conditioned full-face mask, coat suit and hood must be used.

Drying: Drying / drying oven items temporarily placed, eg in a rack carriage, must be equipped with mechanical extraction so that steam from the wet areas does not pass the inhaler zone of workers. Polishing: When polishing treated surfaces, dust filter mask must be used. In case of machine grinding wear goggles. Work gloves should always be used.

Caution The rules contain other provisions in addition to the above. \* See regulations.

**MAL code for ready to mix 0-5**

**Protection based on MAL code for ready-to-use blend**

According to the Order on Work with Code-Numbered Products, the following provisions apply for the use of personal protective equipment:



General: For all work that may cause contamination, gloves should be used. Apron / Coatingsuit / Protective suit should be used where there is soiling so that ordinary working clothes do not effectively protect against skin contact with the product. If full face masks are not recommended, face shield should be used for splashing work. Optional eye protection may be void if so. In all spraying operations where there is a return spray (setback), wear respirators and armor / apron / suits / protective suit as recommended or instructed. Mal code (1993): 0-5

Application: Using spatula, brush, roll and the like. for pre-treatment and finishing in a sprayer where the operator is outside the spray zone and for corresponding work in new \* combi-booth systems, spray booths and syringes where the operator is in the spray zone. By spraying in new \* boxes and booths with a gun without aerosol formation. During shutdown, cleaning and repair of a closed facility, spray box or cabin if there is a risk of contact with wet paint or organic solvents. Using spatula, brush, roll and the like. for pre- and finishing in cabin or boxes of the existing \* facility if the operator is in the spray zone. Using spatula, brush, roll and the like. for pre-treatment outside closed plant, spray booth or spray booth.

Protective clothing must be used

When spraying into existing \* syringes if the operator is outside the spray zone.

Air-tight full-face mask and protective suit must be used

For spraying without aerosol formation in existing \* combi cabins, spray booths and syringes where the operator is inside the spray zone.

Gas filter mask and protective suit must be used.

For all aerosol spraying in a cabin or sprayer where the operator is in the spray area and spraying outside enclosed plant, cabin or box.

Air-tight full-face mask, protective suit and hood must be used

Drying: Drying / drying oven items temporarily placed, eg in a rack carriage, must be equipped with mechanical extraction so that steam from the wet areas does not pass the inhaler zone of workers. Polishing: When polishing treated surfaces, dust filter mask must be used. In case of machine grinding wear goggles. Work gloves should always be used.

Caution: The rules contain other provisions in addition to the above. \* See regulations.

**Waste card no .: 03.21**

**Waste Group: H**

**References: Executive Order No. 301 of 13 May 1993 "Executive Order on the determination of code numbers".**

**Executive Order No. 302 of 13 May 1993 "Executive Order on Work with Code Numbered Products"**

## 15.2 Chemical Safety Assessment



This product contains substances for which Chemical Safety Assessments are still required.

## SECTION 16: Other information

Abbreviations and acronyms:

ATE = Acute Toxicity Estimate  
CLP = Classification, Labelling and Packaging Regulation  
[Regulation (EC) No. 1272/2008]  
DMEL = Derived-Minimal-Effect-Level  
DNEL = Derived-No-Effect-Level  
EUH statement = CLP-specific Hazard statement  
PBT = Persistent, Bioaccumulative and Toxic  
PNEC = Predicted No Effect Concentration  
RRN = REACH Registration Number  
vPvB = Very Persistent, Bioaccumulative and Toxic

Full text of abbreviated H statements:

H226 Flammable liquid and vapor.  
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  
H317 May cause an allergic skin reaction.  
H318 Causes serious eye damage.  
H331 Toxic if inhaled  
H336 May cause drowsiness or dizziness  
H400 Very toxic to aquatic life.  
H410 Very toxic to aquatic life with long-lasting effects  
H412 Harmful to aquatic life with long-lasting effects.  
H413 May cause long-lasting harmful effects to aquatic life

Full text of abbreviated R statements

R10 Flammable  
R22 Harmful if swallowed.  
R23 Toxic by inhalation.  
R24 Toxic in contact with skin  
R25 Toxic if swallowed  
R34 Causes burns.  
R41 Risk of serious damage to eyes.  
R43 May cause sensitization by skin contact.  
R50 Very toxic to aquatic organisms.  
R65 Harmful: may cause lung damage if swallowed.  
R67 Vapors may cause drowsiness and dizziness.  
R 50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.  
R 52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.  
R53 May cause long-term adverse effects in the aquatic environment.



Full text of classifications [CLP/GHS] :

- Acute Tox. 3, H301 ACUTE TOXICITY: Oral - Category 3
- Acute Tox. 3, H311 ACUTE TOXICITY: Skin - Category 3
- Acute Tox. 3, H331 ACUTE TOXICITY: Inhalation- Category 3
- Acute Tox. 4, H302 ACUTE TOXICITY: Oral - Category 4
- Aquatic Acute 1, H400 ACUTE AQUATIC HAZARD – Category 1
- Aquatic Chronic 1, H410 AQUATIC HAZARD - Category 1
- Aquatic Chronic 3, H412 AQUATIC HAZARD - Category 3
- Aquatic Chronic 4, H413 AQUATIC HAZARD - Category 4
- Asp. Tox. 1, H304 ASPIRATION HAZARD - Category 1
- Eye Dam. 1, H318 SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 1
- Flam. Liq. 3, FLAMMABLE LIQUIDS - Category 3
- Skin Corr. 1B, H314 SKIN CORROSION/IRRITATION - Category 1B
- Skin Sens. 1, SKIN SENSITIZATION - Category 1
- STOT SE 3, H336 SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Narcotic effects) - Category 3

Procedure used to derive the classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]

Classification	Justification
Skin Sens. 1, H317	Expert assessment
Aquatic Chronic 3, H412	Expert assessment

#### Notice to reader

The information contained in this safety data sheet is based on the present state of knowledge and EU and national legislation. It provides guidance on health, safety and environmental aspects for handling the product in a safe way and should not be construed as any guarantee of the technical performance or suitability for particular applications. It is always the duty of the user/employer to ascertain that the work is planned and carried out in accordance with the national regulations.