

Safety Data Sheet

according to the Hazardous Products Regulation (February 11, 2015) Reference number: 100000492 Issue date: 2024-08-02 Version: 1.0

SECTION 1: Identification

1.1. Product identifier

Product form : Mixture
Trade name : Vapourseal

Product code : 501945-M0493-9900728

1.2. Recommended use and restrictions on use

Recommended use : Adhesives, sealants

1.3. Supplier

Supplier

Soudal N.V.

Everdongenlaan 18-20 Turnhout, 2300 Belgium

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Distributor

Soudal Canada 95 Avenue Lindsay Dorval, Quebec, H9P 2S6 T+1 514 497 1016

1.4. Emergency telephone number

No additional information available

SECTION 2: Hazard identification

2.1. Classification of the substance or mixture

Classification (GHS CA)

Not classified

2.2. GHS Label elements, including precautionary statements

GHS CA labeling

No labeling applicable

2.3. Other hazards

No additional information available

2.4. Unknown acute toxicity (GHS CA)

No additional information available

SECTION 3: Composition/Information on ingredients

3.1. Substances

Not applicable

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3.2. Mixtures

Name	Chemical name / Synonyms	Product identifier	%	Classification (GHS CA)
calcium carbonate	-	CAS-No.: 471-34-1	≥ 10 – < 25	Not classified
1,2-benzisothiazol-3(2H)-one	1,2- benzisothiazol- 3(2H)-one	CAS-No.: 2634-33-5	< 0.1	Acute Tox. 4 (Oral), H302 Acute Tox. 2 (Inhalation:gas), H330 Skin Irrit. 2, H315 Eye Dam. 1, H318 Skin Sens. 1, H317 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)	reaction mass of 5-chloro-2-methyl- 2H-isothiazol-3- one and 2-methyl- 2H-isothiazol-3- one (3:1)	CAS-No.: 55965-84-9	< 0.1	Acute Tox. 3 (Oral), H301 Acute Tox. 2 (Dermal), H310 Acute Tox. 2 (Inhalation), H330 Skin Corr. 1C, H314 Eye Dam. 1, H318 Skin Sens. 1A, H317 Aquatic Acute 1, H400 Aquatic Chronic 1, H410

SECTION 4: First-aid measures

4.1. Description of first aid measures

First-aid measures after inhalation : Remove victim to fresh air and keep at rest in a position comfortable for breathing. Respiratory

problems: consult a doctor/medical service.

First-aid measures after skin contact : Wash skin with plenty of water. If skin irritation or rash occurs: Get medical advice/attention.

First-aid measures after eye contact : Rinse eyes with water as a precaution. Remove contact lenses, if present and easy to do.

Continue rinsing. Consult an ophtalmologist if irritation persists.

First-aid measures after ingestion : Rinse mouth out with water. Call a poison center/doctor/physician if you feel unwell.

First-aid measures general : If you feel unwell, seek medical advice.

4.2. Most important symptoms and effects (acute and delayed)

Symptoms/effects after inhalation : None under normal use.

Symptoms/effects after skin contact : None under normal conditions.

Symptoms/effects after eye contact : None under normal conditions.

Symptoms/effects after ingestion : None under normal conditions.

4.3. Immediate medical attention and special treatment, if necessary

Other medical advice or treatment : Treat symptomatically.

SECTION 5: Fire-fighting measures

5.1. Suitable extinguishing media

Suitable extinguishing media : Water spray. Dry powder. Foam. Carbon dioxide.

5.2. Unsuitable extinguishing media

Unsuitable extinguishing media : None known.

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5.3. Specific hazards arising from the hazardous product

Fire hazard : No fire hazard.

Explosion hazard : No direct explosion hazard. Hazardous decomposition products in case of fire : Toxic fumes may be released.

5.4. Special protective equipment and precautions for fire-fighters

Firefighting instructions : Fight fire from safe distance and protected location. Do not enter fire area without proper

protective equipment, including respiratory protection.

Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing

apparatus. Complete protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures : Stop leak if safe to do so. Notify authorities if product enters sewers or public waters. Absorb

spillage to prevent material-damage.

6.2. Methods and materials for containment and cleaning up

For containment : Collect spillage. Contain any spills with dikes or absorbents to prevent migration and entry into

sewers or streams. Stop leak, if possible without risk.

Methods for cleaning up : Take up liquid spill into absorbent material.

Other information : Dispose of materials or solid residues at an authorized site.

6.3. Reference to other sections

For further information refer to section 8: "Exposure controls/personal protection"

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Ensure good ventilation of the work station. Wear personal protective equipment.

Hygiene measures : Do not eat, drink or smoke when using this product. Always wash hands after handling the

product.

Additional hazards when processed : Keep away from naked flames/heat.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures : Keep in a cool, well-ventilated place away from heat.

Storage conditions : Store in a well-ventilated place. Store at room temperature. Protect against frost.

Maximum storage period : 2 year

Packaging materials : Synthetic material. Store always product in container of same material as original container.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

calcium carbonate (471-34-1)		
Canada (Alberta) - Occupational Exposure Limits		
Local name	Calcium carbonate (Aragonite, Calcite, Marble, Vaterite)	
OEL TWA	10 mg/m³	

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calcium carbonate (471-34-1)		
Notations and remarks	Occupational exposure limit is based on irritation effects and its adjustment to compensate for unusual work schedules is not required.	
Regulatory reference	Alberta Regulation 191/2021	
Canada (Quebec) - Occupational Exposure Limits		
Local name	Calcium carbonate	
VEMP (OEL TWAEV)	10 mg/m³ Td	
Regulatory reference	S-2.1, r. 13 - Regulation respecting occupational health and safety	
Canada (Nunavut) - Occupational Exposure Limits		
Local name	Limestone (calcium carbonate)	
OEL TWA	10 mg/m³	
OEL STEL	20 mg/m³	
Regulatory reference	Occupational Health and Safety Regulations, Nu Reg 003-2016 (Amendment R-044-2021)	
Canada (Northwest Territories) - Occupational Exposure Limits		
Local name	Limestone (calcium carbonate)	
OEL TWA	10 mg/m³	
OEL STEL	20 mg/m³	
Regulatory reference	Occupation Health and Safety Regulations R-039-2015 (R-013-2020)	
Canada (Saskatchewan) - Occupational Exposure Limits		
Local name	Limestone (calcium carbonate)	
OEL TWA	10 mg/m³	
OEL STEL	20 mg/m³	
Regulatory reference	The Occupational Health and Safety Regulations, 2020. Chapter S-15.1 Reg 10	

8.2. Appropriate engineering controls

Appropriate engineering controls : Ensure good ventilation of the work station.

Environmental exposure controls : Avoid release to the environment.

8.3. Individual protection measures/Personal protective equipment

Personal protective equipment:

Wear recommended personal protective equipment.

Hand protection:	
Protective gloves	

E	Eye protection:
5	Safety glasses

Skin and body protection:
Wear suitable protective clothing

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Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment

Personal protective equipment symbol(s):







SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state : Liquid
Appearance : Pasty.
Color : Yellow

Odor : There may be no odour warning properties, odour is subjective and inadequate to warn of

overexposure.

Mixture contains one or more component(s) which have the following odour:

Almost odourless Odourless

Odor threshold No data available No data available Relative evaporation rate (butyl acetate=1) No data available Relative evaporation rate (ether=1) No data available Melting point Not applicable Freezing point No data available Boiling point No data available Flash point No data available Auto-ignition temperature No data available No data available Decomposition temperature Flammability (solid, gas) No data available Vapor pressure No data available Relative vapor density at 20°C No data available Relative density No data available

Density : 1.149 g/l

Solubility : No data available
Partition coefficient n-octanol/water (Log Pow) : No data available
Viscosity, kinematic : No data available
Explosion limits : No data available

9.2. Other information

VOC content : < 1 % (<11.49g/l)

SECTION 10: Stability and reactivity

Reactivity : The product is non-reactive under normal conditions of use, storage and transport.

Chemical stability : Stable under normal conditions.

Possibility of hazardous reactions : No dangerous reactions known under normal conditions of use.

Conditions to avoid : None under recommended storage and handling conditions (see section 7).

Incompatible materials : No additional information available

Hazardous decomposition products : Under normal conditions of storage and use, hazardous decomposition products should not be

produced.

Hardening time: : No additional information available

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SECTION 11: Toxicological information

11.1. Information on toxicological effects		
Acute toxicity (oral) Acute toxicity (dermal) Acute toxicity (inhalation)	: Not classified: Not classified: Not classified	
1,2-benzisothiazol-3(2H)-one (2634-33	3-5)	
LD50 oral rat	490 mg/kg body weight (Equivalent or similar to OECD 401, Rat, Male / female, Experimental value, Oral, 14 day(s))	
LD50 dermal rat	> 2000 mg/kg body weight (OECD 402: Acute Dermal Toxicity, 24 h, Rat, Male / female, Experimental value, Dermal, 14 day(s))	
ATE CA (oral)	490 mg/kg body weight	
ATE CA (Gases)	100 ppmV/4h	
reaction mass of 5-chloro-2-methyl-2	H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1) (55965-84-9)	
LD50 oral rat	66 mg/kg body weight (OECD 401: Acute Oral Toxicity, Rat, Male / female, Experimental value, Calculated by reference to active substance, Oral, 14 day(s))	
LD50 oral	59 mg/kg body weight	
LD50 dermal rat	> 141 mg/kg body weight (OECD 402: Acute Dermal Toxicity, 24 h, Rat, Male / female, Experimental value, Dermal, 14 day(s))	
LD50 dermal	> 75 mg/kg body weight	
LC50 Inhalation - Rat	0.17 mg/l air (OECD 403: Acute Inhalation Toxicity, 4 h, Rat, Male / female, Experimental value, Calculated by reference to active substance, Inhalation (dust), 14 day(s))	
ATE CA (oral)	59 mg/kg body weight	
ATE CA (Dermal)	50 mg/kg body weight	
ATE CA (Gases)	100 ppmV/4h	
ATE CA (vapors)	0.5 mg/l/4h	
ATE CA (dust,mist)	0.05 mg/l/4h	
calcium carbonate (471-34-1)		
LD50 oral rat	> 2000 mg/kg body weight Animal: rat, Animal sex: female, Guideline: OECD Guideline 420 (Acute Oral Toxicity - Fixed Dose Method), Guideline: EU Method B.1 bis (Acute Oral Toxicity - Fixed Dose Procedure)	
LD50 dermal rat	> 2000 mg/kg body weight Animal: rat, Guideline: OECD Guideline 402 (Acute Dermal Toxicity), Guideline: EU Method B.3 (Acute Toxicity (Dermal))	
LC50 Inhalation - Rat	> 3 mg/l air Animal: rat, Guideline: OECD Guideline 403 (Acute Inhalation Toxicity), Guideline: EU Method B.2 (Acute Toxicity (Inhalation)), Guideline: EPA OPPTS 870.1300 (Acute inhalation toxicity)	
Skin corrosion/irritation	: Not classified	
1,2-benzisothiazol-3(2H)-one (2634-33	3-5)	
рН	No data available in the literature	
reaction mass of 5-chloro-2-methyl-2	H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1) (55965-84-9)	
рН	No data available in the literature	

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calcium carbonate (471-34-1)	a a 440 44 00 00 0	
рН	8 – 9 (10 %, 20 °C)	
Serious eye damage/irritation	: Not classified	
1,2-benzisothiazol-3(2H)-one (2634-33	3-5)	
рН	No data available in the literature	
reaction mass of 5-chloro-2-methyl-2	H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1) (55965-84-9)	
рН	No data available in the literature	
calcium carbonate (471-34-1)		
рН	8 – 9 (10 %, 20 °C)	
Respiratory or skin sensitization	: Not classified	
Germ cell mutagenicity	: Not classified	
Carcinogenicity	: Not classified	
Reproductive toxicity	: Not classified	
STOT-single exposure	: Not classified	
STOT-repeated exposure	: Not classified	
calcium carbonate (471-34-1)		
NOAEL (oral,rat,90 days)	1000 mg/kg body weight Animal: rat, Guideline: OECD Guideline 422 (Combined Repeated Dose Toxicity Study with the Reproduction / Developmental Toxicity Screening Test)	
Aspiration hazard	: Not classified	
1,2-benzisothiazol-3(2H)-one (2634-33-5)		
Viscosity, kinematic	Not applicable (solid)	
reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1) (55965-84-9)		
Viscosity, kinematic	Not applicable (solid)	
calcium carbonate (471-34-1)		
Viscosity, kinematic	Not applicable (solid)	
Symptoms/effects after inhalation	: None under normal use.	
Symptoms/effects after skin contact	: None under normal conditions.	
Symptoms/effects after eye contact	: None under normal conditions.	
Symptoms/effects after ingestion	: None under normal conditions.	

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general	:	The product is not considered harmful to aquatic organisms or to cause long-term adverse effects in the environment.
Hazardous to the aquatic environment, short–term	:	Not classified
(acute)		

Hazardous to the aquatic environment, long-term : Not classified (chronic)

1,2-benzisothiazol-3(2H)-one (2634-33-5)	
LC50 - Fish [1]	2.18 mg/l (OECD 203: Fish, Acute Toxicity Test, 96 h, Oncorhynchus mykiss, Static system, Experimental value, Nominal concentration)
EC50 - Crustacea [1]	2.94 mg/l (OECD 202: Daphnia sp. Acute Immobilisation Test, 48 h, Daphnia magna, Static system, Experimental value, Lethal)

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1,2-benzisothiazol-3(2H)-one (2634-33-5)		
ErC50 algae	150 μg/l (OECD 201: Alga, Growth Inhibition Test, 72 h, Pseudokirchneriella subcapitata, Experimental value, GLP)	
reaction mass of 5-chloro-2-methyl-2H-isothia	zol-3-one and 2-methyl-2H-isothiazol-3-one (3:1) (55965-84-9)	
LC50 - Fish [1]	0.19 mg/l	
EC50 - Crustacea [1]	0.007 mg/l (48 h, Acartia tonsa, Salt water, Experimental value, GLP)	
EC50 - Other aquatic organisms [1]	0.126 mg/l waterflea	
EC50 - Other aquatic organisms [2]	0.003 mg/l	
ErC50 algae	19.9 μg/l (OECD 201: Alga, Growth Inhibition Test, 72 h, Skeletonema costatum, Static system, Salt water, Experimental value, GLP)	
calcium carbonate (471-34-1)		
LC50 - Fish [1]	> 100 % (OECD 203: Fish, Acute Toxicity Test, 96 h, Oncorhynchus mykiss, Semi-static system, Fresh water, Experimental value, Nominal concentration)	
EC50 - Crustacea [1]	> 100 % (OECD 202: Daphnia sp. Acute Immobilisation Test, 48 h, Daphnia magna, Static system, Fresh water, Experimental value, Locomotor effect)	
ErC50 algae	> 100 mg/l (OECD 201: Alga, Growth Inhibition Test, 72 h, Pseudokirchneriella subcapitata, Static system, Fresh water, Experimental value, Nominal concentration)	

12.2. Persistence and degradability

Vapourseal Vapourseal		
Persistence and degradability	Not rapidly degradable	
1,2-benzisothiazol-3(2H)-one (2634-33-5)		
Persistence and degradability	Not biodegradable.	
reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1) (55965-84-9)		
Persistence and degradability	Not biodegradable.	
calcium carbonate (471-34-1)		
Persistence and degradability	Biodegradability in soil: not applicable, Biodegradability: not applicable.	
Chemical oxygen demand (COD)	Not applicable (inorganic)	
ThOD	Not applicable (inorganic)	

12.3. Bioaccumulative potential

1,2-benzisothiazol-3(2H)-one (2634-33-5)	
Bioaccumulative potential	Low potential for bioaccumulation (BCF < 500).
BCF - Fish [1]	6.62 (Equivalent or similar to OECD 305, 56 day(s), Lepomis macrochirus, Experimental value, Fresh weight)
Partition coefficient n-octanol/water (Log Pow)	-0.9 – 0.99 (Experimental value, EU Method A.8: Partition Coefficient, 20 °C)
reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1) (55965-84-9)	
Bioaccumulative potential	Low potential for bioaccumulation (BCF < 500).
BCF - Fish [1]	41 – 54 (OECD 305: Bioconcentration: Flow-Through Fish Test, 28 day(s), Lepomis macrochirus, Flow-through system, Fresh water, Experimental value, Fresh weight)

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reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1) (55965-84-9)	
Partition coefficient n-octanol/water (Log Pow)	-0.32 – 0.7 (Experimental value, OECD 117: Partition Coefficient (n-octanol/water), HPLC method, 20 $^{\circ}\text{C})$
calcium carbonate (471-34-1)	
Bioaccumulative potential	Not bioaccumulative.

12.4. Mobility in soil

1,2-benzisothiazol-3(2H)-one (2634-33-5)		
Surface tension	72.6 mN/m (20 °C, 0.1 %, EU Method A.5: Surface tension)	
Ecology - soil	Highly mobile in soil.	
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	0.97 (log Koc, OECD 121: Estimation of the Adsorption Coefficient (Koc) on Soil and on Sewage Sludge using High Performance Liquid Chromatography (HPLC), Experimental value, GLP)	
reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1) (55965-84-9)		
Ecology - soil	Highly mobile in soil.	
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	0.81 – 1 (log Koc, Calculated value)	
calcium carbonate (471-34-1)		
Surface tension	No data available (test not performed)	
Ecology - soil	Low potential for adsorption in soil.	

12.5. Other adverse effects

Ozone : Not classified

SECTION 13: Disposal considerations

13.1. Disposal methods

Regional waste regulation : Non hazardous waste.

Waste treatment methods Dispose of contents/container in accordance with licensed collector's sorting instructions. Sewage disposal recommendations

Do not discharge into drains or the environment. Disposal must be done according to official

regulations.

Product/Packaging disposal recommendations Disposal must be done according to official regulations.

Additional information Do not re-use empty containers. Ecological waste information Avoid release to the environment.

SECTION 14: Transport information

In accordance with TDG / DOT / IMDG / IATA

14.1. UN number

UN-No. (TDG) : Not applicable UN-No.(DOT) Not applicable UN-No. (IMDG) Not applicable UN-No. (IATA) Not applicable

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14.2. UN proper shipping name

Proper Shipping Name (TDG) : Not applicable
Proper Shipping Name (DOT) : Not applicable
Proper Shipping Name (IMDG) : Not applicable
Proper Shipping Name (IATA) : Not applicable

14.3. Transport hazard class(es)

TDG

Transport hazard class(es) (TDG) : Not applicable

DOT

Transport hazard class(es) (DOT) : Not applicable

IMDG

Transport hazard class(es) (IMDG) : Not applicable

IATA

Transport hazard class(es) (IATA) : Not applicable

14.4. Packing group

Packing group (TDG) : Not applicable
Packing group (DOT) : Not applicable
Packing group (IMDG) : Not applicable
Packing group (IATA) : Not applicable

14.5. Environmental hazards

Other information : No supplementary information available.

14.6. Special precautions for user

TDG

Not applicable

DOT

Not applicable

IMDG

Not applicable

IATA

Not applicable

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

SECTION 15: Regulatory information

15.1. National regulations

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

Listed on the Canadian DSL (Domestic Substances List)

reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1) (55965-84-9)

Listed on the Canadian DSL (Domestic Substances List)

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calcium carbonate (471-34-1)

Listed on the Canadian DSL (Domestic Substances List)

15.2. International regulations

Vapourseal

Not listed on the United States TSCA (Toxic Substances Control Act) inventory

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

Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active Listed on INSQ (Mexican National Inventory of Chemical Substances)

reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1) (55965-84-9)

Not listed on the United States TSCA (Toxic Substances Control Act) inventory

calcium carbonate (471-34-1)

Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active Listed on INSQ (Mexican National Inventory of Chemical Substances)

SECTION 16: Other information

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Full text of hazard classes and H-statements:	
H301	Toxic if swallowed
H302	Harmful if swallowed
H310	Fatal 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
H400	Very toxic to aquatic life
H410	Very toxic to aquatic life with long lasting effects

Safety Data Sheet (SDS), Canada

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.