SAFETY DATA SHEET

SÜDWEST SiliconTherm

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SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

Trade name SÜDWEST SiliconTherm

1.2 Relevant identified uses of the substance or mixture and uses advised against	Facade paint
Uses advised against	This information is not available.
1.3 Details of the supplier of the safety data sheet	SÜDWEST Lacke + Farben GmbH & Co.KG Iggelheimer Str. 13 D - 67459 Böhl-Iggelheim Telephone: +49 6324/709-0 Telefax: +49 6324/709-175 www.suedwest.de
E-mail address of person responsible for the SDS European Union	sdb@suedwest.de
1.4 Emergency telephone number European Union	Phone: +44 (0)1235 239 670

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Classification (REGULATION (EC) No 1272/2008)

Long-term (chronic) aquatic hazard, Category 3	H412: Harmful to aquatic life with long lasting effects.

2.2 Label elements

Labelling (REGULATION (EC) No 1272/2008)

Hazard statements : H412 Harmful to aquatic life with long lasting effects.

Precautionary statements : **Prevention:**
P273 Avoid release to the environment.

Disposal:
P501 Contents/container to be disposed of through approved disposal contractor or taken to municipal collection point.

Additional Labelling

EUH208 Contains 1,2-benzisothiazol-3(2H)-one, 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). May produce an allergic reaction.

These are preservatives.
Avoid contact with the skin and the eyes.

EUH211 Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist.

Regulation concerning biocidal products (528/2012):

Contains isoproturon (ISO)
, Terbutryn, 3-iodo-2-propynyl butylcarbamate. As active agents for coating protection in accordance with Biocidal Product Regulation (528/2012), Article 58(3)

2.3 Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

Ecological information: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

Toxicological information: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2 Mixtures

Components

Chemical name	CAS-No. EC-No. Index-No. Registration number	Classification	Concentration (% w/w)
titanium dioxide	13463-67-7 236-675-5 01-2119489379-17-XXXX	Carc. 2; H351, Note V, Note W, Note 10	≥ 1 - < 10
isoproturon (ISO)	34123-59-6 251-835-4 006-044-00-7	Carc. 2; H351 Aquatic Acute 1; H400 Aquatic Chronic 1; H410 STOT RE 2; H373	≥ 0,1 - < 0,25

		_____ M-Factor (Acute aquatic toxicity): 10 M-Factor (Chronic aquatic toxicity): 10	
Terbutryn	886-50-0 212-950-5	Acute Tox. 4; H302 Aquatic Acute 1; H400 Aquatic Chronic 1; H410 _____ M-Factor (Acute aquatic toxicity): 10 M-Factor (Chronic aquatic toxicity): 10	≥ 0,025 - < 0,1
1,2-benzisothiazol-3(2H)-one	2634-33-5 220-120-9 613-088-00-6	Acute Tox. 4; H302 Skin Irrit. 2; H315 Eye Dam. 1; H318 Skin Sens. 1; H317 Aquatic Acute 1; H400 _____ M-Factor (Acute aquatic toxicity): 1 _____ specific concentration limit Skin Sens. 1; H317 ≥ 0,05 %	≥ 0,0025 - < 0,025
3-iodo-2-propynyl butylcarbamate	55406-53-6 259-627-5 616-212-00-7	STOT RE 1; H372 (larynx) Eye Dam. 1; H318 Acute Tox. 3; H331 Skin Sens. 1; H317 Aquatic Acute 1; H400 Aquatic Chronic 1; H410 Acute Tox. 4; H302 _____ M-Factor (Acute aquatic toxicity): 10 M-Factor (Chronic aquatic toxicity): 1	≥ 0,0025 - < 0,025
pyrithione zinc	13463-41-7 236-671-3	Repr. 1B; H360D Acute Tox. 2; H330 Acute Tox. 3; H301 STOT RE 1; H372 Eye Dam. 1; H318 Aquatic Acute 1; H400 Aquatic Chronic 1; H410 _____ M-Factor (Acute aquatic toxicity): 1.000 M-Factor (Chronic aquatic toxicity): 10	≥ 0,0025 - < 0,025
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)	55965-84-9 613-167-00-5	Acute Tox. 2; H330 Acute Tox. 2; H310 Acute Tox. 3; H301 Skin Corr. 1C; H314 Skin Sens. 1A; H317	≥ 0,0002 - < 0,0015

		Aquatic Acute 1; H400 Aquatic Chronic 1; H410 Eye Dam. 1; H318 EUH071 _____ M-Factor (Acute aquatic toxicity): 100 M-Factor (Chronic aquatic toxicity): 100 _____ specific concentration limit Skin Corr. 1C; H314 ≥ 0,6 % Skin Irrit. 2; H315 0,06 - < 0,6 % Eye Irrit. 2; H319 0,06 - < 0,6 % Skin Sens. 1A; H317 ≥ 0,0015 % Eye Dam. 1 ≥ 0,6 %	

For explanation of abbreviations see section 16.

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures

General advice	In the case of accident or if you feel unwell, seek medical advice immediately (show the label where possible). Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and seek medical advice.
Inhalation	Remove to fresh air. Keep patient warm and at rest. If breathing is irregular or stopped, administer artificial respiration. If symptoms persist, call a physician.
Skin contact	Take off all contaminated clothing immediately. Wash skin thoroughly with soap and water or use recognized skin cleanser. Do NOT use solvents or thinners. If skin irritation persists, call a physician.
Eye contact	In case of eye contact, remove contact lens and rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Seek medical advice.
Ingestion	Clean mouth with water and drink afterwards plenty of water. Do NOT induce vomiting. Obtain medical attention. Keep at rest.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms	No information available.

4.3 Indication of any immediate medical attention and special treatment needed

Treatment	Treat symptomatically. No information available.

SECTION 5: FIREFIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media	Alcohol-resistant foam Carbon dioxide (CO2) Dry chemical Water spray
Unsuitable extinguishing media	High volume water jet
5.2 Special hazards arising from the substance or mixture	Fire may cause evolution of: Carbon monoxide Carbon dioxide (CO2) Nitrogen oxides (NOx) Exposure to decomposition products may be a hazard to health.
5.3 Advice for firefighters	Wear self-contained breathing apparatus for firefighting if necessary.
Additional advice	Use water spray to cool unopened containers. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures	Ensure adequate ventilation. Do not breathe vapour.
6.2 Environmental precautions	The product should not be allowed to enter drains, water courses or the soil. If the product contaminates rivers and lakes or drains inform respective authorities.
6.3 Methods and material for containment and cleaning up	Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13). Clean with detergents. Avoid solvents. Dispose of contaminated material as waste according to item 13. Clean contaminated surface thoroughly.
6.4 Reference to other sections	Refer to protective measures listed in sections 7 and 8.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling

Advice on safe handling	Avoid contact with skin and eyes. Prevent unauthorized access. Provide sufficient air exchange and/or exhaust in work rooms. Comply with the statutory regulations on health and safety at work.
Hygiene measures	Wash hands before breaks and at the end of workday. When using do not eat, drink or smoke.

Remove and wash contaminated clothing and gloves, including the inside, before re-use.

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage areas and containers	Containers which are opened must be carefully resealed and kept upright to prevent leakage. Store in original container. Observe label precautions. Protect from frost, heat and sunlight.
Advice on common storage	Keep away from oxidizing agents and strongly acid or alkaline materials.
7.3 Specific end use(s)	For further information, see also Technical Data Sheet for the product.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Exposure limit(s)

Components	**CAS-No.**
Basis Type:	Control parameters

Contains no substances with occupational exposure limit values. The lists that were valid during the creation were used as basis.

8.2 Exposure controls

Appropriate engineering controls

Provide adequate ventilation.

Individual protection measures, such as personal protective equipment

a) Eye/face protection	Wear protective goggles for protection against splashed liquid. Safety glasses with side-shields conforming to EN166
b) Skin protection Hand protection	Recommended preventive skin protection Before starting work, apply water-resistant skincare preparations to exposed skin areas. Protective gloves should be worn in case of skin contact during preparation and application. Break through time: 480 min Minimum thickness: 0,11 mm Gloves made of nitrile rubber,e.g. KCL 740 Dermatril® (Kächele-Cama-Latex GmbH, Hotline: 0049(0)6659-87-300, kcl-uk@kcl.de), or equivalent. Cotton undergloves are recommendable when wearing protective gloves! Skin that comes into contact with the product should be treated with protective cream. After such contact, the product concerned should under no circumstances be used.

	The selected protective gloves have to satisfy the specifications of Regulation (EU) 2016/425 and the standard EN 374 derived from it. The choice of an appropriate glove does not only depend on its material but also on other quality features and is different from one producer to the other.
Body Protection	Work clothes Skin should be washed after contact. Do NOT use solvents or thinners.
c) Respiratory protection	No personal respiratory protective equipment normally required. In case of insufficient ventilation, wear suitable respiratory equipment. Employees involved in spraying work or in the immediate vicinity of such work should use a P2 particle filter against spray fog. Respiratory protection complying with EN 143.

Environmental exposure controls

General advice	The product should not be allowed to enter drains, water courses or the soil. If the product contaminates rivers and lakes or drains inform respective authorities.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance	Viscous
Colour	white
Odour	Weak, characteristic
Odour Threshold	No data available
pH	ca. 8,0 - 9,5 (20 °C)
Melting point/freezing point	Not applicable
Initial boiling point and boiling range	not applicable
Flash point	Not applicable
Evaporation rate	not applicable
Flammability (solid, gas)	not applicable
Upper explosion limit / Upper flammability limit	No data available
Lower explosion limit / Lower flammability limit	No data available
Vapour pressure	Not applicable
Vapour density	No data available
Density	ca. 1,45 - 1,55 g/cm³ (20 °C)
Solubility(ies)	

Water solubility	completely miscible
Partition coefficient: n-octanol/water	not determined
Auto-ignition temperature	not auto-flammable
Decomposition temperature	No data available
Viscosity	
Viscosity, dynamic	ca. 2.200 - 3.000 mPa.s (20 °C)
Explosive properties	Not explosive
Oxidizing properties	Not applicable

9.2 Other information

Flow time	No data available

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity

No dangerous reaction known under conditions of normal use.

10.2 Chemical stability

Stable under normal conditions.

10.3 Possibility of hazardous reactions

Hazardous reactions	This information is not available.

10.4 Conditions to avoid

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

10.5 Incompatible materials

Materials to avoid	Strong acids and strong bases Strong oxidizing agents

10.6 Hazardous decomposition products

No decomposition if stored and applied as directed.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity

Product:

Acute oral toxicity	Based on available data, the classification criteria are not met.
Acute inhalation toxicity	Based on available data, the classification criteria are not met.

Acute dermal toxicity	Based on available data, the classification criteria are not met.

Components:

Terbutryn:

Acute oral toxicity	LD50 (Rat): 1.000 - 1.470 mg/kg

1,2-benzisothiazol-3(2H)-one:

Acute oral toxicity	Harmful if swallowed.

3-iodo-2-propynyl butylcarbamate:

Acute oral toxicity	Harmful if swallowed.
Acute inhalation toxicity	LC50 (Rat): 3 mg/l Exposure time: 4 h Test atmosphere: vapour

pyrithione zinc:

Acute oral toxicity	LD50 (Rat): 221 mg/kg
Acute inhalation toxicity	LC50 (Rat): 0,14 mg/l Test atmosphere: dust/mist

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):

Acute oral toxicity	Toxic if swallowed.
Acute inhalation toxicity	Fatal if inhaled.
Acute dermal toxicity	Fatal in contact with skin.

Skin corrosion/irritation

Product:

Based on available data, the classification criteria are not met.

Components:

1,2-benzisothiazol-3(2H)-one:

Causes skin irritation.

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):

Causes severe skin burns and eye damage.

Serious eye damage/eye irritation

Product:

Based on available data, the classification criteria are not met.

Components:

1,2-benzisothiazol-3(2H)-one:

Causes serious eye damage.

3-iodo-2-propynyl butylcarbamate:

Causes serious eye damage.

pyrithione zinc:

Causes serious eye damage.

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):

Causes serious eye damage.

Respiratory or skin sensitisation

Product:

Based on available data, the classification criteria are not met.

Components:

1,2-benzisothiazol-3(2H)-one:

May cause an allergic skin reaction.

3-iodo-2-propynyl butylcarbamate:

May cause an allergic skin reaction.

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):

May cause an allergic skin reaction.

Germ cell mutagenicity

Product:

Genotoxicity in vitro	Based on available data, the classification criteria are not met.

Carcinogenicity

Product:

Based on available data, the classification criteria are not met.

Components:

titanium dioxide:

Suspected of causing cancer.

isoproturon (ISO):

Suspected of causing cancer.

Reproductive toxicity

Product:

Effects on fertility	Based on available data, the classification criteria are not met.
Developmental Toxicity	Based on available data, the classification criteria are not met.

Components:

pyrithione zinc:

Developmental Toxicity	May damage the unborn child.

STOT - single exposure

Product:

Based on available data, the classification criteria are not met.

STOT - repeated exposure

Product:

Based on available data, the classification criteria are not met.

Components:
isoproturon (ISO):

Target Organs	Blood
Assessment	May cause damage to organs through prolonged or repeated exposure.

3-iodo-2-propynyl butylcarbamate:

Exposure routes	Inhalation
Target Organs	larynx
Assessment	Causes damage to organs through prolonged or repeated exposure.

pyrithione zinc:

Assessment	Causes damage to organs through prolonged or repeated exposure.

Aspiration toxicity
Product:
Based on available data, the classification criteria are not met.

Further information
Product:

The product itself has not been tested. The mixture is classified in accordance with Annex I to EC Directive 1272/2008. (See sections 2 and 3 for details).

11.2 Information on other hazards

Endocrine disrupting properties
Product:

Assessment	:	The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

Further information
Product:

Remarks	:	The product itself has not been tested. The mixture is classified in accordance with Annex I to EC Directive 1272/2008. (See sections 2 and 3 for details).

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity

Product:

Toxicity to fish	No data available

Components:
isoproturon (ISO):

Toxicity to daphnia and other aquatic invertebrates	EC50 (Daphnia magna (Water flea)): > 1 mg/l Exposure time: 48 h
M-Factor (Acute aquatic toxicity)	10

M-Factor (Chronic aquatic toxicity)	10
Terbutryn:	
Toxicity to fish	LC50 (Lepomis macrochirus (Bluegill sunfish)): 1,1 mg/l Exposure time: 96 h
Toxicity to daphnia and other aquatic invertebrates	EC50 (Daphnia (water flea)): 2,66 mg/l Exposure time: 48 h
M-Factor (Acute aquatic toxicity)	10
Toxicity to fish (Chronic toxicity)	NOEC: 0,01 mg/l Exposure time: 21 d Species: Oncorhynchus mykiss (rainbow trout)
Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity)	NOEC: 1,3 mg/l Exposure time: 21 d Species: Daphnia magna (Water flea)
M-Factor (Chronic aquatic toxicity)	10
1,2-benzisothiazol-3(2H)-one:	
Toxicity to fish	LC50 (Oncorhynchus mykiss (rainbow trout)): 1,6 mg/l Exposure time: 96 h Method: OECD Test Guideline 203
Toxicity to daphnia and other aquatic invertebrates	EC50 (Daphnia (water flea)): 2,94 mg/l Exposure time: 48 h Method: OECD Test Guideline 202
Toxicity to algae/aquatic plants	EC50 (Selenastrum capricornutum (green algae)): 0,11 mg/l Exposure time: 72 h Method: OECD Test Guideline 201
M-Factor (Acute aquatic toxicity)	1
Toxicity to microorganisms	EC50 (Pseudomonas putida): 0,4 mg/l Exposure time: 16 h
3-iodo-2-propynyl butylcarbamate:	
Toxicity to fish	LC50 (Oncorhynchus mykiss (rainbow trout)): 0,067 mg/l Exposure time: 96 h Method: OECD Test Guideline 203
Toxicity to daphnia and other aquatic invertebrates	EC50 (Daphnia magna (Water flea)): 0,16 mg/l Exposure time: 48 h Method: OECD Test Guideline 202
Toxicity to algae/aquatic plants	EC50 (Pseudokirchneriella subcapitata (green algae)): 0,049 mg/l Exposure time: 72 h Method: OECD Test Guideline 201
	NOEC (Pseudokirchneriella subcapitata (green algae)):

	0,0046 mg/l Exposure time: 72 h Method: OECD Test Guideline 201
M-Factor (Acute aquatic toxicity)	10
Toxicity to fish (Chronic toxicity)	NOEC: 0,0084 mg/l Exposure time: 35 d Species: Pimephales promelas (fathead minnow)
Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity)	NOEC: 0,010 mg/l Exposure time: 21 d Species: Daphnia (water flea) Method: OECD Test Guideline 211
M-Factor (Chronic aquatic toxicity)	1
pyrithione zinc:	
Toxicity to fish	LC50 (Danio rerio (zebra fish)): 0,0104 mg/l Exposure time: 96 h Method: OECD Test Guideline 203
Toxicity to daphnia and other aquatic invertebrates	EC50 (Daphnia (water flea)): 0,051 mg/l Exposure time: 48 h Method: OECD Test Guideline 202
Toxicity to algae/aquatic plants	EC50 (Skeletonema costatum (marine diatom)): 0,0013 mg/l Exposure time: 72 h
	NOEC (Skeletonema costatum (marine diatom)): 0,00046 mg/l Exposure time: 96 h Method: OECD Test Guideline 201
M-Factor (Acute aquatic toxicity)	1.000
Toxicity to fish (Chronic toxicity)	NOEC: 0,00125 mg/l Exposure time: 28 d Species: Danio rerio (zebra fish)
Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity)	NOEC: 0,0022 mg/l Exposure time: 21 d Species: Daphnia (water flea) Method: OECD Test Guideline 211
M-Factor (Chronic aquatic toxicity)	10
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):	
Toxicity to fish	LC50 (Oncorhynchus mykiss (rainbow trout)): 0,19 mg/l Exposure time: 96 h
Toxicity to daphnia and other aquatic invertebrates	EC50 (Daphnia (water flea)): 0,12 mg/l Exposure time: 48 h
Toxicity to algae/aquatic	EC50 (Skeletonema costatum (marine diatom)): 0,0052 mg/l

plants	Exposure time: 48 h
	NOEC (Skeletonema costatum (marine diatom)): 0,00049 mg/l Exposure time: 48 h
M-Factor (Acute aquatic toxicity)	100
Toxicity to fish (Chronic toxicity)	NOEC: 0,098 mg/l Exposure time: 28 d Species: Oncorhynchus mykiss (rainbow trout) Method: OECD Test Guideline 210
Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity)	NOEC: 0,004 mg/l Exposure time: 21 d Species: Daphnia (water flea)
M-Factor (Chronic aquatic toxicity)	100

12.2 Persistence and degradability

Product:

Biodegradability	No data available

Components:

Terbutryn:

Biodegradability	not rapidly degradable

1,2-benzisothiazol-3(2H)-one:

Biodegradability	rapidly degradable Biodegradation: > 90 % Method: OECD Test Guideline 303A

3-iodo-2-propynyl butylcarbamate:

Biodegradability	rapidly degradable

pyrithione zinc:

Biodegradability	Inoculum: activated sludge rapidly degradable Biodegradation: > 85 % Method: OECD Test Guideline 303A

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):

Biodegradability	not rapidly degradable

12.3 Bioaccumulative potential

Product:

Bioaccumulation	No data available

Components:

isoproturon (ISO):

Partition coefficient: n-octanol/water	log Pow: 2,5

Terbutryn:

Partition coefficient: n-octanol/water	log Pow: 3,65 - 3,74

1,2-benzisothiazol-3(2H)-one:

Partition coefficient: n-octanol/water	log Pow: 0,4
3-iodo-2-propynyl butylcarbamate:	
Partition coefficient: n-octanol/water	log Pow: 2,8
pyrithione zinc:	
Partition coefficient: n-octanol/water	log Pow: 1,21 Method: OECD Test Guideline 107

12.4 Mobility in soil

Product:

Mobility	No data available

12.5 Results of PBT and vPvB assessment

Product:

Assessment	This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher..

12.6 Endocrine disrupting properties

Product:

Assessment	:	The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

12.7 Other adverse effects

Product:

Additional ecological information	Do not allow product to enter into ground water, bodies of water or sewage systems. Harmful to aquatic life with long lasting effects.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Product	The user is responsible for proper coding and marking of any waste. Dispose of as special waste in compliance with local and national regulations. Partial and residual quantities can be reused.
Contaminated packaging	Packaging that is not properly emptied must be disposed of as the unused product. Empty packaging should be recycled through disposal systems.
Waste key for the unused product	08 01 11* waste paint and varnish containing organic solvents or other hazardous substances (*) hazardous waste in terms of the European directive 2008/98/EG

SECTION 14: TRANSPORT INFORMATION

14.1 UN number or ID number

Not regulated as a dangerous good

14.2 UN proper shipping name

Not regulated as a dangerous good

14.3 Transport hazard class(es)

Not regulated as a dangerous good

14.4 Packing group

Not regulated as a dangerous good

14.5 Environmental hazards

14.6 Special precautions for user

Remarks	This information is not available.

14.7 Maritime transport in bulk according to IMO instruments

Remarks	Not applicable

SECTION 15: REGULATORY INFORMATION

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

VOC Directive 2010/75/EU	0,05 %
VOC Directive 2004/42/EC	0,9 % 14,4 g/l EU limit value for this product (cat. A/c) :40 g/lThis product contains max40 g/lVOC.
Regulation (EC) No 649/2012 of the European Parliament and the Council concerning the export and import of dangerous chemicals	isoproturon (ISO)
Other regulations	Comply with the statutory regulations on health and safety at work.

15.2 Chemical safety assessment

This information is not available.

SECTION 16: OTHER INFORMATION

Changes from the previous version are indicated by markings in the left-hand margin. The information in this Safety Data Sheet corresponds to our present state of knowledge and conforms to both national and EU legislation. The user's working conditions are, however, beyond our knowledge and control. The user is responsible for complying with all necessary legal requirements. The information in this Safety Data Sheet describes the safety requirements of our product and does not constitute any assurance of product properties.

Full text of 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.
H331	:	Toxic if inhaled.
H351	:	Suspected of causing cancer.
H360D	:	May damage the unborn child.
H372	:	Causes damage to organs through prolonged or repeated exposure.
H373	:	May cause damage to organs through prolonged or repeated exposure.
H400	:	Very toxic to aquatic life.
H410	:	Very toxic to aquatic life with long lasting effects.

Full text of other abbreviations

Acute Tox.	:	Acute toxicity
Aquatic Acute	:	Short-term (acute) aquatic hazard
Aquatic Chronic	:	Long-term (chronic) aquatic hazard
Carc.	:	Carcinogenicity
Eye Dam.	:	Serious eye damage
Repr.	:	Reproductive toxicity
Skin Corr.	:	Skin corrosion
Skin Irrit.	:	Skin irritation
Skin Sens.	:	Skin sensitisation
STOT RE	:	Specific target organ toxicity - repeated exposure

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR - European Agreement concerning the International Carriage of Dangerous Goods by Road; AIIC - Australian Inventory of Industrial Chemicals; ASTM - American Society for the Testing of Materials; bw - Body weight; CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECHA - European Chemicals Agency; EC-Number - European Community number; ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory

concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RID - Regulations concerning the International Carriage of Dangerous Goods by Rail; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; SVHC - Substance of Very High Concern; TCSI - Taiwan Chemical Substance Inventory; TECI - Thailand Existing Chemicals Inventory; TRGS - Technical Rule for Hazardous Substances; TSCA - Toxic Substances Control Act (United States); UN - United Nations; vPvB - Very Persistent and Very Bioaccumulative

Further information

Other information	It is possible in the interim period that you may find different markings on packaging compared to the Material Safety Data Sheet until stocks have been used up. We ask for your understanding in this matter.
Department issuing MSDS	sdb@suedwest.de
REG_EU / EN	