SAFETY DATA SHEET

SÜDWEST AquaVision Flächen-Lasur

Ref.	130000006116/
Rev. no.	1.3
Revision Date	04.10.2018
Print Date	05.11.2018

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

1.1 Product identifier

Trade name: SÜDWEST AquaVision Flächen-Lasur

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

Wood coating
Glazing

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)

Not a hazardous substance or mixture.

2.2 Label elements

Labelling (REGULATION (EC) No 1272/2008)

Not a hazardous substance or mixture.

Additional Labelling:

EUH210 Safety data sheet available on request.

EUH208 Contains 1,2-benzisothiazol-3(2H)-one, 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), 2-methyl-2H-isothiazol-3-one. May produce an allergic reaction.
For 2-Methyl-2H-Isothiazol-3-one (MIT), a labelling threshold of 15 ppm is voluntarily used in accordance with the CEPE recommendation (instead of 100 ppm).

Regulation concerning biocidal products (528/2012):

Contains 1,2-benzisothiazol-3(2H)-one
, 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), 2-methyl-2H-isothiazol-3-one. As active agents for storage 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.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2 Mixtures

Chemical nature Wood finishing lacquer

Hazardous components

Chemical name	CAS-No. EC-No. Registration number	Classification (REGULATION (EC) No 1272/2008)	Concentration (% w/w)
Substances with a workplace exposure limit :			
(2-methoxymethylethoxy) propanol	34590-94-8 252-104-2 01-2119450011-60-	WEL substance, Not a dangerous	≥ 1 - < 5

	XXXX	substance according to GHS.	

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. Keep away from food, drink and animal feedingstuffs.

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

(2-methoxymethylethoxy) propanol		34590-94-8
2000/39/EC	Limit Value - eight hours	308 mg/m³
2000/39/EC	Limit Value - eight hours	50 ppm
Additional advice:	Identifies the possibility of significant uptake through the skin Indicative	

The lists that were valid during the creation were used as basis.

8.2 Exposure controls

Appropriate engineering controls

Ensure good ventilation; if possible, use / install internal extractor equipment.

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: 0,4 mm Gloves made of nitrile rubber,e.g. KCL 730 Camatril® Velours (Kächele-Cama-Latex GmbH, Hotline: 0049(0)6659-87-300, kcl-uk@kcl.de), or equivalent. 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 EU Directive 89/686/EEC 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.

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SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance	liquid
Colour	various
Odour	characteristic
Odour Threshold	No data available
pH	ca. 8,1
Melting point/freezing point	No data available
Initial boiling point and boiling range	100 °C
Flash point	Not applicable
Evaporation rate	not determined
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	No data available
Vapour density	No data available
Density	ca. 1,026 g/cm³
Solubility(ies)	
Water solubility	miscible
Partition coefficient: n-octanol/water	not determined
Auto-ignition temperature	not auto-flammable
Decomposition temperature	No data available

Viscosity	
Viscosity, dynamic	ca. 1.500 mPa.s (20 °C)
Explosive properties	Not explosive
Oxidizing properties	Not applicable

9.2 Other information

Flow time	> 90 s at 20 °C Cross section: 4 mm Method: ISO 2431

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

Hazardous decomposition products	No decomposition if stored and applied as directed.
Decomposition temperature	No data available

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects
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.

Skin corrosion/irritation
Product:

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

Serious eye damage/eye irritation
Product:

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

Respiratory or skin sensitisation
Product:

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

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.

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.

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.

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).

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity

Product:

Toxicity to fish	No data available

12.2 Persistence and degradability

Product:

Biodegradability	No data available

Components:
(2-methoxymethylethoxy) propanol :

Biodegradability	Biodegradation: 75 % Exposure time: 28 d Method: OECD Test Guideline 301 rapidly biodegradable

12.3 Bioaccumulative potential

Product:

Bioaccumulation	No data available

Components:
(2-methoxymethylethoxy) propanol :

Partition coefficient: n-octanol/water	log Pow: -0,35

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 Other adverse effects

Product:

Additional ecological information	Do not allow product to enter into ground water, bodies of water or sewage systems.

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 12 Waste paint and varnish other than those covered by 08 01 11

SECTION 14: TRANSPORT INFORMATION

14.1 UN 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

Not regulated as a dangerous good

14.6 Special precautions for user

Remarks	This information is not available.

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

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	3,3 % 33,8 g/l
VOC Directive 2004/42/EC	2,52 % 25,9 g/l
	EU limit value for this product (cat. A/e) :130 g/lThis product contains max130 g/lVOC.
Regulation (EC) No 649/2012 of the European Parliament and the Council concerning the export and import of dangerous chemicals	Not applicable
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 other abbreviations

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; AICS - Australian Inventory of Chemical Substances; 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; 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

SÜDWEST AquaVision Flächen-Lasur