

SAFETY DATA SHEET

Based upon Regulation (EC) No. 1907/2006, as amended by Regulation (EC) No. 453/2010

Silirub MA SECTION 1: Identification of the substance/mixture and of the company/undertaking 1.1 Product identifier: Product name : Silirub MA Registration number REACH : Not applicable (mixture) Product type REACH : Mixture 1.2 Relevant identified uses of the substance or mixture and uses advised against: 1.2.1 Relevant identified uses Sealant 1.2.2 Uses advised against No uses advised against known 1.3 Details of the supplier of the safety data sheet: Supplier of the safety data sheet SOUDAL N.V. Everdongenlaan 18-20 B-2300 Turnhout **2** +32 14 42 42 31 +32 14 42 65 14 msds@soudal.com Manufacturer of the product SOUDAL N.V. Everdongenlaan 18-20 B-2300 Turnhout **2** +32 14 42 42 31 +32 14 42 65 14 msds@soudal.com 1.4 Emergency telephone number: 24h/24h (Telephone advice: English, French, German, Dutch): +32 14 58 45 45 (BIG) SECTION 2: Hazards identification 2.1 Classification of the substance or mixture: 2.1.1 Classification according to Regulation EC No 1272/2008 Not classified as dangerous according to the criteria of Regulation (EC) No 1272/2008 2.1.2 Classification according to Directive 67/548/EEC-1999/45/EC Not classified as dangerous according to the criteria of Directive(s) 67/548/EEC and/or 1999/45/EC 2.2 Label elements: Labelling according to Regulation EC No 1272/2008 (CLP) Not classified as dangerous according to the criteria of Regulation (EC) No 1272/2008 Supplemental information EUH208 Contains: butan-2-one 0,0',0''-(methylsilylidyne)trioxime; trimethoxy(methyl)silane. May produce an allergic reaction. Labelling according to Directive 67/548/EEC-1999/45/EC (DSD/DPD) Not classified as dangerous in compliance with Directive 67/548/EEC and/or Directive 1999/45/EC Contains: butan-2-one O,O',O''-(methylsilylidyne)trioxime; trimethoxy(methyl)silane. May produce an allergic reaction. 2.3 Other hazards: CLP No other hazards known

May produce an allergic reaction

Reason for revision: 3.2

Revision number: 0401

SECTION 3: Composition/information on ingredients

Created by: Brandweerinformatiecentrum voor gevaarlijke stoffen vzw (BIG) Technische Schoolstraat 43 A, B-2440 Geel http://www.big.be © BIG vzw

Publication date: 2007-08-16
Date of revision: 2014-08-06

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134-15960-451-en

	Silirub MA
3.1 Substances:	
Not applicable	
3.2 Mixtures:	
This mixture does not contain a	ny notifiable substances
ECTION 4: First aid r	neasures
After skin contact: Wash immediately with I After eye contact: Rinse with water. Take vi After ingestion: Rinse mouth with water. 4.2 Most important symp 4.2.1 Acute symptoms After inhalation: No effects known. After skin contact: No effects known. After eye contact: No effects known. After ingestion: No effects known. 4.2.2 Delayed symptoms No effects known.	nedical advice. resh air. Respiratory problems: consult a doctor/medical service. tots of water. Soap may be used. Take victim to a doctor if irritation persists. ictim to an ophthalmologist if irritation persists. Consult a doctor/medical service if you feel unwell. btoms and effects, both acute and delayed: mediate medical attention and special treatment needed:
5.1 Extinguishing media: 5.1.1 Suitable extinguishing Polyvalent foam. Dry che 5.1.2 Unsuitable extinguishi No unsuitable extinguishi	media: emical powder. Carbon dioxide. ing media:
5.2 Special hazards arisin	ig from the substance or mixture: ation of CO, CO2 and small quantities of nitrous vapours.
5.3 Advice for firefighters 5.3.1 Instructions: No specific fire-fighting in 5.3.2 Special protective equ	S:
CTION 6: Accidenta	al release measures
	, protective equipment and emergency procedures:
No naked flames.	for non-emergency personnel for emergency responders othing.
No naked flames. 6.1.1 Protective equipment See heading 8.2 6.1.2 Protective equipment Gloves. Protective cloth See heading 8.2 6.2 Environmental preca Contain leaking substance. U	for non-emergency personnel for emergency responders othing. ing utions: Ise appropriate containment to avoid environmental contamination.
No naked flames. 6.1.1 Protective equipment See heading 8.2 6.1.2 Protective equipment Gloves. Protective cloth See heading 8.2 6.2 Environmental preca Contain leaking substance. U	for non-emergency personnel for emergency responders othing. ing utions:

Cover the solid spill with sand/kieselguhr. Scoop solid spill into closing containers. Wash clothing and equipment after handling.

6.4 Reference to other sections:

See heading 13.

SECTION 7: Handling and storage

The information in this section is a general description. If applicable and available, exposure scenarios are attached in annex. Always use the relevant exposure scenarios that correspond to your identified use.

7.1 Precautions for safe handling:

Keep away from naked flames/heat. Observe strict hygiene. Keep container tightly closed.

7.2 Conditions for safe storage, including any incompatibilities:

7.2.1 Safe storage requirements:

Store in a dry area. Store at room temperature. Meet the legal requirements. Max. storage time: 1 year(s).

- 7.2.2 Keep away from:
- Heat sources, oxidizing agents.

7.2.3 Suitable packaging material: Plastics.

- 7.2.4 Non suitable packaging material:
 - No data available

7.3 Specific end use(s):

If applicable and available, exposure scenarios are attached in annex. See information supplied by the manufacturer.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters:

- 8.1.1 Occupational exposure
 - a) Occupational exposure limit values

If limit values are applicable and available these will be listed below.

b) National biological limit values

If limit values are applicable and available these will be listed below.

- 8.1.2 Sampling methods
 - If applicable and available it will be listed below.
- 8.1.3 Applicable limit values when using the substance or mixture as intended If limit values are applicable and available these will be listed below.
- 8.1.4 DNEL/PNEC values
 - If applicable and availabl<mark>e it will be listed below.</mark>
- 8.1.5 Control banding

If applicable and available it will be listed below.

8.2 Exposure controls:

The information in this section is a general description. If applicable and available, exposure scenarios are attached in annex. Always use the relevant exposure scenarios that correspond to your identified use.

- 8.2.1 Appropriate engineering controls
- Keep away from naked flames/heat. Carry operations in the open/under local exhaust/ventilation or with respiratory protection.

8.2.2 Individual protection measures, such as personal protective equipment

- Observe strict hygiene. Keep container tightly closed. Do not eat, drink or smoke during work
- a) Respiratory protection:

Respiratory protection not required in normal conditions.

- b) Hand protection:
 - Gloves
- c) Eye protection:
- Safety glasses.

d) Skin protection:

- Protective clothing.
- 8.2.3 Environmental exposure controls:
 - See headings 6.2, 6.3 and 13

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties:

Physical form	Paste
Odour	Characteristic odour
Odour threshold	No data available
Colour	Variable in colour, depending on the composition
Particle size	No data available
Explosion limits	No data available
Reason for revision: 3.2	Publication date: 2007-08-16
	Date of revision: 2014-08-06

Flammability		Not easily combustible	
Log Kow		Not applicable (mixture)	
Dynamic viscosity		No data available	
Kinematic viscosity		No data available	
Melting point		No data available	
Boiling point		No data available	
Flash point		> 130 °C	
Evaporation rate		No data available	
Relative vapour density		No data available	
Vapour pressure		No data available	
Solubility		water ; insoluble	
		organic solvents ; soluble	
Relative density		No data available	
Decomposition tempera	ture	No data available	
Auto-ignition temperatu	re	No data available	
Explosive properties		No chemical group associated with explosive properties	
Oxidising properties		No chemical group associated with oxidising properties	
рН		No data available	
9.2 Other information:			
Surface tension		No data available	

No data available

Absolute density

SECTION 10: Stability and reactivity

10.1 Reactivity:

Heating increases the fire hazard.

10.2 Chemical stability:

Stable under normal conditions.

- 10.3 Possibility of hazardous reactions: No data available.
- 10.4 Conditions to avoid: Keep away from naked flames/heat.
- **10.5 Incompatible materials:** Oxidizing agents.

10.6 Hazardous decomposition products:

Upon combustion: formation of CO, CO2 and small quantities of nitrous vapours.

SECTION 11: Toxicological information

11.1 Information on toxicological effects: 11.1.1 Test results

Acute toxicity

<u>Silirub MA</u>

No (test)data on the mixture available Judgement is based on the relevant ingredients <u>Conclusion</u> Low acute toxicity by the dermal route

Low acute toxicity by the oral route Low acute toxicity by the inhalation route

Corrosion/irritation

Silirub MA

No (test)data on the mixture available Judgement is based on the relevant ingredients Conclusion Not classified as irritating to the skin Not classified as irritating to the eyes

Respiratory or skin sensitisation

Silirub MA

No (test)data on the mixture a<mark>vailable</mark> Judgement is based on the rel<mark>evant ingredients</mark>

Reason for revision: 3.2

Revision number: 0401

Publication date: 2007-08-16 Date of revision: 2014-08-06

Product number: 45241

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Reason for revision: 3.2 Publication date: 2007-08-16	-	ne components available				
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12.5 Results of PBT and vPvB assessment:

Due to insufficient data no statement can be made whether the component(s) fulfil(s) the criteria of PBT and vPvB according to Annex XIII of Regulation (EC) No 1907/2006.

12.6 Other adverse effects:

Silirub MA

Global warming potential (GWP)

None of the known components is included in the list of fluorinated greenhouse gases (Regulation (EC) No 842/2006)

Ozone-depleting potential (ODP)

Not classified as dangerous for the ozone layer (Regulation (EC) No 1005/2009)

SECTION 13: Disposal considerations

The information in this section is a general description. If applicable and available, exposure scenarios are attached in annex. Always use the relevant exposure scenarios that correspond to your identified use.

13.1 Waste treatment methods:

- 13.1.1 Provisions relating to waste
 - Waste material code (Directive 2008/98/EC, Decision 2000/0532/EC).

08 04 10 (wastes from MFSU of adhesives and sealants (including waterproofing products): waste adhesives and sealants other than those mentioned in 08 04 09). Depending on branch of industry and production process, also other waste codes may be applicable. Can be considered as non hazardous waste according to Directive 2008/98/EC.

13.1.2 Disposal methods

Remove waste in accordance with local and/or national regulations. Do not discharge into drains or the environment. Dispose of at authorized waste collection point.

13.1.3 Packaging/Container

Waste material code packaging (Directive 2008/98/EC). 15 01 02 (plastic packaging).

SECTION 14: Transport information

Road (ADR)			
14.1 UN number:			
Transport		Not subject	
14.2 UN proper shipping na 14.3 Transport hazard class	me: (es):		
Hazard identification nu	mber		
Class			
Classification code			
14.4 Packing group:			
Packing group			
Labels			
14.5 Environmental hazards	:		
Environmentally hazard	ous substance mark	no	
14.6 Special precautions for			
Special provisions			
Limited quantities			
· · · ·			
Rail (RID)			
14.1 UN number:			
Transport		Not subject	
14.2 UN proper shipping na			
14.3 Transport hazard class			
Hazard identification nu	mber		
Class			
Classification code			
14.4 Packing group:			
Packing group			
Labels			
14.5 Environmental hazards	:		
Environmentally hazard	ous substance mark	no	
14.6 Special precautions for	user:		
Special provisions			
Limited quantities			
Inland waterways (ADN)			
Inland waterways (ADN) 14.1 UN number:			
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Transport		Not subject	
14.2 UN proper shipping na	me:		
Reason for revision: 3.2		Publication date: 2007-08-16	
		Date of revision: 2014-08-06	
Revision number: 0401		Product number: 45241	6/8

14.	3 Transport hazard class(es):	
	Class	
	Classification code	
14	4 Packing group:	
	Packing group	
	Labels	
14.	5 Environmental hazards:	
	Environmentally hazardous substance mark	no
	6 Special precautions for user:	
	Special provisions	
	Limited quantities	
~ "		
	IMDG/IMSBC)	
	1 UN number:	
	Transport	Not subject
14.	2 UN proper shipping name:	
14.	3 Transport hazard class(es):	
	Class	
14.	4 Packing group:	
	Packing group	
	Labels	
14.	5 Environmental hazards:	
	Marine pollutant	
14	Environmentally hazardous substance mark	no
14.	6 Special precautions for user: Special provisions	
	Limited quantities	
14	7 Transport in bulk according to Annex II of MARPOL 73/	70 and the IPC Code:
	Annex II of MARPOL 73/78	
	ATTEX IT OF WARFOL 73/78	
Air (I	CAO-TI/IATA-DGR)	
14.	1 UN number:	
	Transport	Not subject
	2 UN proper shipping name:	
14.	3 Transport hazard class(es):	
	Class	
14.	4 Packing group:	
	Packing group	
	Labels	
	5 Environmental hazards:	
Environmentally hazardo <mark>us substance mark no </mark>		
14.	6 Special precautions for user:	
	Special provisions	
	Passenger and cargo tran <mark>sport: limited quantities: maxin</mark>	num net quantity
	per packaging	

SECTION 15: Regulatory information 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture:

European legislation:

VOC content		Remark		
1 %				
National legislation The Netherla	ands			
Silirub MA				
Waste identification (the Netherlands)	LWCA (the Netherlands): KGA ca	ategory 03		
Waterbezwaarlijkheid	11			
National legislation Germany				
Silirub MA				
WGK	1; Classification water polluting Stoffe (VwVwS) of 27 July 2005	based on the components in compliance with Verwaltungsvorschrift wassergefährdende		
	Stone (vwvws) of 27 July 2005 ((Annany 4)		
National legislation France				
Silirub MA				
No data available				
National legislation Belgium				
son for revision: 3.2		Publication date: 2007-08-16		
		Date of revision: 2014-08-06		
isian number 0401		Develoption (F2)(1 7.40		
ision number: 0401		Product number: 45241 7 / 8		

Silirub MA No data available

Other relevant data

Silirub MA No data available

15.2 Chemical safety assessment:

No chemical safety assessment is required.

SECTION 16: Other information

Full text of any R-phrases referred to under headings 2 and 3:

(*) = INTERNAL CLASSIFICATION BY BIG

PBT-substances = persistent, bioaccumulative and toxic substances

DSD Dangerous Substance Directive

DPD Dangerous Preparation Directive

CLP (EU-GHS) Classification, labelling and packaging (Globally Harmonised System in Europe)

The information in this safety data sheet is based on data and samples provided to BIG. The sheet was written to the best of our ability and according to the state of knowledge at that time. The safety data sheet only constitutes a guideline for the safe handling, use, consumption, storage, transport and disposal of the substances/preparations/mixtures mentioned under point 1. New safety data sheets are written from time to time. Only the most recent versions may be used. Old versions must be destroyed. Unless indicated otherwise word for word on the safety data sheet, the information does not apply to substances/preparations/mixtures in purer form, mixed with other substances or in processes. The safety data sheet offers no quality specification for the substances/preparations/mixtures in question. Compliance with the instructions in this safety data sheet does not release the user from the obligation to take all measures dictated by common sense, regulations and recommendations or which are necessary and/or useful based on the real applicable circumstances. BIG does not guarantee the accuracy or exhaustiveness of the information provided and cannot be held liable for any changes by third parties. This safety data sheet is only to be used within the European Union, Switzerland, Iceland, Norway and Liechtenstein. Any use outside of this area is at your own risk. Use of this safety data sheet is subject to the licence and liability limiting conditions as stated in your BIG licence agreement or when this is failing the general conditions of BIG. All intellectual property rights to this sheet are the property of BIG and its distribution and reproduction are limited. Consult the mentioned agreement/conditions for details.

Reason for revision: 3.2

Publication date: 2007-08-16 Date of revision: 2014-08-06

Revision number: 0401