Revis	ade name :	<b>Lithofin T(</b> 04.03.2021	C Sealant	Version (Revision) :	6.1.1 (6.1.0		
	date :	13.04.2021					
SECTION 1: Identification of the substance/mixture and of the company/ undertaking							
.1	Product identifie	r					
L.2	Relevant identifi Relevant identif			xture and uses advised a	gainst		
3							
	Distributor :		Casdron Enterp				
	Street :		Wood End, Pro	ospect Road			
	Postal code/city :		GB- New Alre	sford, Hants SO 24 9QF			
	Telephone :		+44 1962 732	126			
	Telefax :		+44 1962 7353	373			
	Contact :		Technical Depa E-mail: sales@				
			0196 2732126	ephone number: during office hours)			
	Supplier :		Lithofin AG				
	Street :		Heinrich-Otto-S				
	Postal code/city :		73240 Wendl	5			
	Telephone :		+49 (0)7024 9				
	Telefax :		+49 (0)7024 9				
	Contact :		Technical Depa E-mail: info@li				
			+49 (0)7024 9				
.4	Emergency telep	hone number		during office hours)			
	see section 1.3						
	TION 2: Hazards						
2.1	Classification of Classification ac None			1272/2008 [CLP]			
	Additional infor The mixture is classif Remark		according to regulatior	n (EC) No 1272/2008 [CLP].			
		JH-statements: see see	ction 16.				
.2		ling to Pogulati	on (FC) No. 127	2/2008 [CI 0]			
2.2	Labelling accord	ing to Regulation		mixtures			
.2	Labelling accord Special rules for su EUH208	upplemental label el Contains 1,2-BENZ		NE ; 2-METHYLISOTHIAZOL-3(2H)	-ONE.May produc		
2.2	Special rules for su EUH208 EUH210	Contains 1,2-BENZ an allergic reaction	ISOTHIAZOL-3(2H)-O	NE ; 2-METHYLISOTHIAZOL-3(2H)	)-ONE.May produc		
2.2	<b>Special rules for su</b> EUH208	Contains 1,2-BENZ an allergic reaction	ISOTHIAZOL-3(2H)-O n.	NE ; 2-METHYLISOTHIAZOL-3(2H)	)-ONE.May produc		
	Special rules for su EUH208 EUH210 Other hazards	Contains 1,2-BENZ an allergic reaction	ISOTHIAZOL-3(2H)-O n.	NE ; 2-METHYLISOTHIAZOL-3(2H)	)-ONE.May produc		

Safety Data Sheet (EN / D according to Regulation (EC) No. 1907/2006 (REACH)					
Revi	ade name : sion date : : date :	Lithof 04.03.2021 13.04.2021	in TC Sealant	Version (Revision) :	6.1.1 (6.1.0)
2.4	Additional information see section 12.5	mation			
SEC	CTION 3: Compos	ition/infor	mation on ingredient	S	
3.2	Mixtures Hazardous ingredie 1,2-BENZISOTHIAZO		EC No. : 220-120-9; CAS No. : 2	2634-33-5	
	Weight fraction : Classification 1272/	2008 [CLP] :	, ,	m. 1 ; H318 Acute Tox. 4 ; H302 Sk c Acute 1 ; H400 Aquatic Chronic 2 ;	,
	Specific Conc. Limit	5:	Skin Sens. 1 ; H317: C ≥ 0,0	, , ,	
	2-METHYLISOTHIAZO	DL-3(2H)-ONE ;	REACH No. : 01-2120764690-5	0-xxxx ; EC No. : 220-239-6; CAS No	. : 2682-20-4
	Weight fraction :		≥ 0,00015 - < 0,0015 %		
	Classification 1272/	2008 [CLP] :		Fox. 3 ; H301 Acute Tox. 3 ; H311 S ns. 1A ; H317 Aquatic Acute 1 ; H40	
	Specific Conc. Limit	s:	Skin Sens. 1A ; H317: C ≥ 0	,0015 % • (M Chronic=1) • (M Acute	=10)
	Candidate List according to the con-	ording to Arti centration limit)	cle 59 of REACH	gh concern (SVHC) which are in gh concern (SVHC) which are s	

authorisation according to Annex XIV of REACH

None (below the concentration limit)

#### Additional information

All ingredients of this mixture are (pre)registered according to REACH regulation. Full text of H- and EUH-statements: see section 16.

# **SECTION 4: First aid measures**

# 4.1 Description of first aid measures

# **General information**

When in doubt or if symptoms are observed, get medical advice. Never give anything by mouth to an unconscious person or a person with cramps. If unconscious place in recovery position and seek medical advice.

# **Following inhalation**

Remove casualty to fresh air and keep warm and at rest. In case of respiratory tract irritation, consult a physician.

# In case of skin contact

After contact with skin, wash immediately with plenty of water and soap. Immediately remove any contaminated clothing, shoes or stockings. Do not wash with: Cleaning agent, acidic Cleaning agent, alkaline Solvents/Thinner

#### After eye contact

Rinse immediately carefully and thoroughly with eye-bath or water. Protect uninjured eye. In case of eye irritation consult an ophthalmologist.

# After ingestion

When in doubt or if symptoms are observed, get medical advice. Rinse mouth thoroughly with water. Do NOT induce vomitina

# Self-protection of the first aider

First aider: Pay attention to self-protection!

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

- No information available.
- 4.3 Indication of any immediate medical attention and special treatment needed None

# **SECTION 5: Firefighting measures**

	fety Data She	<b>et</b> ion (EC) No. 1907/2	006 (REACH)	( EN / D )
	ade name :	Lithofin TC S		
	sion date : date :	04.03.2021 13.04.2021	Version (Revision) :	6.1.1 (6.1.0)
5.1	Extinguishing m Suitable exting Water spray jet ABC	uishing media		
		nguishing media		
5.2	Special hazards	arising from the sub bustion products	stance or mixture	
5.3	Advice for firefig	hters		
		g apparatus. Ive equipment for fir Id breathing apparatus and c	-	
5.4		protect personnel and to co	ol endangered containers. Do not allow run-off sion and combustion gases. The product itself	
		measures to the fire surround		
SEC	TION 6: Accident	al release measures		
6.1	Personal precau	tions, protective equ	ipment and emergency procedur	es
			ion 8). Provide adequate ventilation. Remove p	persons to safety.
6.2	Environmental p		w to enter into surface water or drains.	
6.3		terial for containme		
	For cleaning up			
	Suitable material for Clean contaminated	taking up: Universal binder articles and floor according t	to the environmental legislation.	
	Other information Clear spills immediate	ely.		
6.4	Reference to oth			
	Safe handling: see see Personal protection ed Disposal: see section	uipment: see section 8		
SEC	TION 7: Handling	and storage		
7.1	Precautions for s When using do not ea	t, drink, smoke, sniff.		
	equipment (refer to gas/fumes/vapour/s the entire working a	ezing. Inhalation of vapours section 8). Always close cont pray. Use only in well-ventila	or spray/mists Skin contact Eye contact Wear p cainers tightly after the removal of product. Do ted areas. If local exhaust ventilation is not pos chnical means. Technical measures and the app ction equipment.	not breathe ssible or not sufficient,
	Measures to preve	ent fire		
		Flammable Usual measures	for fire prevention.	
	Fire class : Shake well befor	- Vac		
		e use Yes eral occupational hy	niene	
	-	ff contaminated clothing and	-	
72		-	a any incompatibilities	

7.2 Conditions for safe storage, including any incompatibilities

# Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH)

# Trade name :

Revision date : Print date :

# Lithofin TC Sealant

04.03.2021 13.04.2021

Version (Revision) :

6.1.1 (6.1.0)

# **Requirements for storage rooms and vessels**

Keep container tightly closed. Keep/Store only in original container. The floor should be leak tight, jointless and not absorbent. Ensure adequate ventilation of the storage area.

# Hints on joint storage

Storage class (TRGS 510): 12

**Recommended storage temperature** 5 - 25 °C **Protect from frost** Yes

# Further information on storage conditions

Keep locked up and out of reach of children. Keep container tightly closed in a cool, well-ventilated place. **Protect against :** Frost

# 7.3 Specific end use(s)

## Recommendation

Observe technical data sheet. Observe instructions for use.

# **SECTION 8: Exposure controls/personal protection**

#### 8.1 Control parameters

# **Occupational exposure limit values**

2-(2-ETHOXYETHOXY)ETHANOL ; CAS No. : 111-90-0

Limit value type (country of origin) :	TRGS 900 ( D )
Limit value :	6 ppm / 35 mg/m <sup>3</sup>
Peak limitation :	2(I)
Remark :	Y
Version :	27.10.2020
PYRIDINE-2-THIOL 1-OXIDE, SODIUM	SALT ; CAS No. : 3811-73-2
Limit value type (country of origin) :	TRGS 900 ( D )
Parameter :	E: inhalable fraction
Limit value :	1 mg/m <sup>3</sup>
Peak limitation :	2(II)
Remark :	Н, Z
Version :	01.03.2018

# 8.2 Exposure controls

# **Appropriate engineering controls**

Ensure adequate ventilation of the storage area.

Technical measures and the application of suitable work processes have priority over personal protection equipment.

# Personal protection equipment

# Eye/face protection

Usually no personal eye/face protection necessary. Eye/face protection necessary at: Splashes, Contact with eyes, Spray application.

#### Suitable eye protection

Eye glasses with side protection goggles

**Required properties** 

DIN EN 166

# Skin protection

Usually no personal skin protection necessary. Skin protection necessary at: Splashes, Contact with skin, Spray application.

# Hand protection

Suitable gloves type : Gloves with long cuffs

**Suitable material** : NBR (Nitrile rubber), 0,4mm, >8h; Butyl caoutchouc, 0,5mm, >8h; FKM (fluoro rubber), 0,7mm, >8h;

**Recommended glove articles** : Manufacturer KCL GmbH/Eichenzell-Germany; Ansell/Yarra City-Australia Or comparable articles from other companies.

Additional hand protection measures : Check leak tightness/impermeability prior to use.

# Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH)

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Revision date : Print date :

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**Remark** : Breakthrough times and swelling properties of the material must be taken into consideration. The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves. Barrier creams are not substitutes for body protection.

# **Body protection**

Protective clothing.

Suitable protective clothing : Chemical protection clothing Chemical resistant safety shoes

# Required properties : acid-resistant. alkali-resistant.

Protective clothing. : DIN EN 13034 DIN EN 14605

Chemical resistant safety shoes : DIN EN ISO 20345

Remark : Barrier creams are not substitutes for body protection.

#### **Respiratory protection**

Usually no personal respirative protection necessary. Respiratory protection necessary at: insufficient ventilation aerosol or mist formation. high concentrations spray application

# Suitable respiratory protection apparatus

Combination filtering device (EN 14387) Half-face mask (DIN EN 140) ABEK-P1

#### Remark

Use only respiratory protection equipment with CE-symbol including four digit test number. Observe the wear time limits according GefStoffV in combination with the rules for using respiratory protection apparatus (BGR 190).

# **General information**

Minimum standard for preventive measures while handling with working materials are specified in the TRGS 500. When using do not eat, drink, smoke, sniff. Avoid contact with skin, eyes and clothes. Remove contaminated, saturated clothing immediately. Wash contaminated clothing prior to re-use. Wash hands before breaks and after work. Apply skin care products after work. Do not breathe gas/fumes/vapour/spray.

# SECTION 9: Physical and chemical properties

# 9.1 Information on basic physical and chemical properties

Appearance :	liquid					
Colour :	white					
Odour :	unspecific					
Safety characte	eristics					
Melting point/freez		( 1013 hPa )	approx.	-1	°C	
Initial boiling point range :	and boiling	(1013 hPa)	approx.	97	°C	
Decomposition tem	perature :	( 1013 hPa )		not determined		
Flash point :				not applicable		closed cup (EN ISO 3679)
Auto-ignition tempe	erature :			not determined		
Sustaining combust	tion			No		UN Test L2:Sustained combustibility test
Lower explosion lin Upper explosion lim				not determined not determined		
Vapour pressure :		(50 °C)	<	3000	hPa	D. Jacobson (DTN) EN
Density :		( 20 °C )		1,02	g/cm <sup>3</sup>	Pyknometer (DIN EN ISO 2811-1)
Solvent separation	test :	( 20 °C )	<	3	%	Test L1: Solvent separation test (UN)
Water solubility		( 20 °C )		emulsifiable		
pH:			approx.	9		DIN 19268
log P O/W :				not determined		(Mixture) ISO cup 4 mm
Flow time :		( 23 °C )	<	15	S	(DIN EN ISO 2431)
Odour threshold : Vapourisation rate :	:			not determined not determined		
VOC content-EC				4,5	Wt %	*
VOC-France				A+		Décret no 2011-321 du

ccordina to Reaulat	e <b>t</b> tion (EC) No. 1907/2006 (REACI	H)	
rade name :			C 1 1 (C 1 C
evision date : int date :	04.03.2021 13.04.2021	Version (Revision) :	6.1.1 (6.1.0
		2	3 mars 2011
	le organic compound (VOC)" means any orga easured at a standard pressure of 101,3 kPa ON		ling point less tha
None			
ECTION 10: Stabilit	y and reactivity		
0.1 Reactivity			
•	related to reactivity available for this product	or its ingredients.	
0.2 Chemical stabili	•	f storage use and temperature	
0.3 Possibility of ha	cally stable under recommended conditions o <b>zardous reactions</b>	י סנטימשב, עספ מווע נפוווףפומנעופ.	
-	n when handled and stored according to prov	visions.	
0.4 Conditions to av			
Stable under recomm	ended storage and handling conditions.		
0.5 Incompatible m	aterials		
No data available			
A C. Usessidavia daaa			
	mposition products		
	mposition products when used for intended uses.		
Does not decompose	when used for intended uses.		
Does not decompose	when used for intended uses.		_
Does not decompose SECTION 11: Toxicol	when used for intended uses.	gulation (EC) No 1272/20	008
Does not decompose SECTION 11: Toxicol	when used for intended uses. ogical information	gulation (EC) No 1272/20	008
Does not decompose SECTION 11: Toxicol 1.1 Information on Acute toxicity	when used for intended uses. ogical information	gulation (EC) No 1272/20	008
Does not decompose SECTION 11: Toxicol 1.1 Information on Acute toxicity Based on available of Acute oral toxicity	when used for intended uses. ogical information hazard classes as defined in Reg lata, the classification criteria are not met.		008
Does not decompose SECTION 11: Toxicol 1.1 Information on Acute toxicity Based on available of Acute oral toxicity Parameter :	when used for intended uses. ogical information hazard classes as defined in Reg lata, the classification criteria are not met. LD50 ( 1,2-BENZISOTHIAZOL	Julation (EC) No 1272/20	008
Does not decompose <b>ECTION 11: Toxicol</b> <b>1.1 Information on</b> <b>Acute toxicity</b> Based on available of <b>Acute oral toxicity</b> Parameter : Exposure route :	when used for intended uses. ogical information hazard classes as defined in Reg lata, the classification criteria are not met. LD50 ( 1,2-BENZISOTHIAZOL Oral		008
Does not decompose SECTION 11: Toxicol 1.1 Information on Acute toxicity Based on available of Acute oral toxicity Parameter : Exposure route : Effective dose :	when used for intended uses. ogical information hazard classes as defined in Reg lata, the classification criteria are not met. / LD50 ( 1,2-BENZISOTHIAZOL Oral > 2000 mg/kg		008
Does not decompose SECTION 11: Toxicol 1.1 Information on Acute toxicity Based on available of Acute oral toxicity Parameter : Exposure route :	when used for intended uses. ogical information hazard classes as defined in Reg lata, the classification criteria are not met. / LD50 ( 1,2-BENZISOTHIAZOL Oral > 2000 mg/kg city		008
Does not decompose ECTION 11: Toxicol 1.1 Information on Acute toxicity Based on available of Acute oral toxicity Parameter : Exposure route : Effective dose : Acute dermal toxi	when used for intended uses. ogical information hazard classes as defined in Reg lata, the classification criteria are not met. / LD50 ( 1,2-BENZISOTHIAZOL Oral > 2000 mg/kg city LD50 ( 1,2-BENZISOTHIAZOL Dermal	-3(2H)-ONE ; CAS No. : 2634-33-5 )	008
Does not decompose ECTION 11: Toxicol 1.1 Information on Acute toxicity Based on available of Acute oral toxicity Parameter : Exposure route : Effective dose : Acute dermal toxi Parameter : Exposure route : Exposure route : Exposure route : Exposure route : Exposure route : Effective dose :	when used for intended uses. ogical information hazard classes as defined in Reg lata, the classification criteria are not met. / LD50 ( 1,2-BENZISOTHIAZOL Oral > 2000 mg/kg city LD50 ( 1,2-BENZISOTHIAZOL Dermal > 5000 mg/kg	-3(2H)-ONE ; CAS No. : 2634-33-5 ) -3(2H)-ONE ; CAS No. : 2634-33-5 )	008
Does not decompose ECTION 11: Toxicol 1.1 Information on Acute toxicity Based on available of Acute oral toxicity Parameter : Exposure route : Effective dose : Acute dermal toxi Parameter : Exposure route : Effective dose : Specific effects	when used for intended uses. ogical information hazard classes as defined in Reg lata, the classification criteria are not met. LD50 ( 1,2-BENZISOTHIAZOL Oral > 2000 mg/kg city LD50 ( 1,2-BENZISOTHIAZOL Dermal > 5000 mg/kg (Longterm animal experiment)	-3(2H)-ONE ; CAS No. : 2634-33-5 ) -3(2H)-ONE ; CAS No. : 2634-33-5 )	008
Does not decompose <b>ECTION 11: Toxicol</b> <b>1.1 Information on</b> <b>Acute toxicity</b> Based on available of <b>Acute oral toxicity</b> Parameter : Exposure route : Effective dose : <b>Acute dermal toxi</b> Parameter : Exposure route : Effective dose : <b>Specific effects</b> There are no data ar	when used for intended uses. ogical information hazard classes as defined in Reg lata, the classification criteria are not met. / LD50 ( 1,2-BENZISOTHIAZOL Oral > 2000 mg/kg city LD50 ( 1,2-BENZISOTHIAZOL Dermal > 5000 mg/kg	-3(2H)-ONE ; CAS No. : 2634-33-5 ) -3(2H)-ONE ; CAS No. : 2634-33-5 )	008
Does not decompose SECTION 11: Toxicol Acute toxicity Based on available of Acute oral toxicity Parameter : Exposure route : Effective dose : Acute dermal toxi Parameter : Exposure route : Effective dose : Specific effects There are no data ar Corrosion	when used for intended uses. ogical information hazard classes as defined in Reg lata, the classification criteria are not met. LD50 ( 1,2-BENZISOTHIAZOL Oral > 2000 mg/kg city LD50 ( 1,2-BENZISOTHIAZOL Dermal > 5000 mg/kg (Longterm animal experiment) vailable on the preparation/mixture itself.	-3(2H)-ONE ; CAS No. : 2634-33-5 ) -3(2H)-ONE ; CAS No. : 2634-33-5 )	008
Does not decompose SECTION 11: Toxicol Acute toxicity Based on available of Acute oral toxicity Parameter : Exposure route : Effective dose : Acute dermal toxic Parameter : Exposure route : Effective dose : Specific effects There are no data ar Corrosion Based on available of	when used for intended uses. ogical information hazard classes as defined in Reg lata, the classification criteria are not met. / LD50 ( 1,2-BENZISOTHIAZOL Oral > 2000 mg/kg city LD50 ( 1,2-BENZISOTHIAZOL Dermal > 5000 mg/kg (Longterm animal experiment) vailable on the preparation/mixture itself.	-3(2H)-ONE ; CAS No. : 2634-33-5 ) -3(2H)-ONE ; CAS No. : 2634-33-5 )	008
Does not decompose ECTION 11: Toxicol 1.1 Information on Acute toxicity Based on available of Acute oral toxicity Parameter : Exposure route : Effective dose : Acute dermal toxi Parameter : Exposure route : Effective dose : Specific effects There are no data ar Corrosion Based on available of Respiratory or a	when used for intended uses. ogical information hazard classes as defined in Reg lata, the classification criteria are not met. / LD50 ( 1,2-BENZISOTHIAZOL Oral > 2000 mg/kg city LD50 ( 1,2-BENZISOTHIAZOL Dermal > 5000 mg/kg (Longterm animal experiment) vailable on the preparation/mixture itself. lata, the classification criteria are not met. skin sensitisation	-3(2H)-ONE ; CAS No. : 2634-33-5 ) -3(2H)-ONE ; CAS No. : 2634-33-5 )	008
Does not decompose <b>ECTION 11: Toxicol</b> <b>1.1 Information on Acute toxicity</b> Based on available of <b>Acute oral toxicity</b> Parameter : Exposure route : Effective dose : <b>Acute dermal toxi</b> Parameter : Exposure route : Effective dose : <b>Specific effects</b> There are no data ar <b>Corrosion</b> Based on available of <b>Respiratory or</b> and	when used for intended uses. ogical information hazard classes as defined in Reg lata, the classification criteria are not met. LD50 (1,2-BENZISOTHIAZOL Oral > 2000 mg/kg city LD50 (1,2-BENZISOTHIAZOL Dermal > 5000 mg/kg (Longterm animal experiment) vailable on the preparation/mixture itself. lata, the classification criteria are not met. skin sensitisation lata, the classification criteria are not met.	-3(2H)-ONE ; CAS No. : 2634-33-5 ) -3(2H)-ONE ; CAS No. : 2634-33-5 )	008
Does not decompose ECTION 11: Toxicol Acute toxicity Based on available of Acute oral toxicity Parameter : Exposure route : Effective dose : Acute dermal toxi Parameter : Exposure route : Effective dose : Specific effects There are no data ar Corrosion Based on available of Respiratory or a Based on available of Repeated dose	when used for intended uses. ogical information hazard classes as defined in Reg lata, the classification criteria are not met. / LD50 ( 1,2-BENZISOTHIAZOL Oral > 2000 mg/kg city LD50 ( 1,2-BENZISOTHIAZOL Dermal > 5000 mg/kg (Longterm animal experiment) vailable on the preparation/mixture itself. lata, the classification criteria are not met. skin sensitisation lata, the classification criteria are not met. toxicity (subacute, subchronic,	-3(2H)-ONE ; CAS No. : 2634-33-5 ) -3(2H)-ONE ; CAS No. : 2634-33-5 )	008
Does not decompose SECTION 11: Toxicol Acute toxicity Based on available of Acute oral toxicity Parameter : Exposure route : Effective dose : Acute dermal toxi Parameter : Exposure route : Effective dose : Specific effects There are no data ar Corrosion Based on available of Respiratory or a Based on available of Repeated dose There are no data ar	when used for intended uses. ogical information hazard classes as defined in Reg lata, the classification criteria are not met. (LD50 ( 1,2-BENZISOTHIAZOL Oral > 2000 mg/kg city LD50 ( 1,2-BENZISOTHIAZOL Dermal > 5000 mg/kg (Longterm animal experiment) vailable on the preparation/mixture itself. lata, the classification criteria are not met. skin sensitisation lata, the classification criteria are not met. toxicity (subacute, subchronic, vailable on the preparation/mixture itself.	-3(2H)-ONE ; CAS No. : 2634-33-5 ) -3(2H)-ONE ; CAS No. : 2634-33-5 ) <b>chronic)</b>	
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Does not decompose SECTION 11: Toxicol Acute toxicity Based on available of Acute oral toxicity Parameter : Exposure route : Effective dose : Acute dermal toxi Parameter : Exposure route : Effective dose : Specific effects There are no data ar Corrosion Based on available of Respiratory or ar Based on available of Repeated dose There are no data ar CMR effects (ca Carcinogenicity Based on available	when used for intended uses. ogical information hazard classes as defined in Reg lata, the classification criteria are not met. / LD50 ( 1,2-BENZISOTHIAZOL Oral > 2000 mg/kg city LD50 ( 1,2-BENZISOTHIAZOL Dermal > 5000 mg/kg (Longterm animal experiment) vailable on the preparation/mixture itself. lata, the classification criteria are not met. skin sensitisation lata, the classification criteria are not met. toxicity (subacute, subchronic, vailable on the preparation/mixture itself. arcinogenicity, mutagenicity and data, the classification criteria are not met.	-3(2H)-ONE ; CAS No. : 2634-33-5 ) -3(2H)-ONE ; CAS No. : 2634-33-5 ) <b>chronic)</b>	
Does not decompose SECTION 11: Toxicol Acute toxicity Based on available of Acute oral toxicity Parameter : Exposure route : Effective dose : Acute dermal toxic Parameter : Exposure route : Effective dose : Specific effects There are no data ar Corrosion Based on available of Respiratory or ar Based on available of Repeated dose There are no data ar CMR effects (ca Carcinogenicity Based on available Germ cell mutage	when used for intended uses. ogical information hazard classes as defined in Reg lata, the classification criteria are not met. / LD50 ( 1,2-BENZISOTHIAZOL Oral > 2000 mg/kg city LD50 ( 1,2-BENZISOTHIAZOL Dermal > 5000 mg/kg (Longterm animal experiment) vailable on the preparation/mixture itself. lata, the classification criteria are not met. skin sensitisation lata, the classification criteria are not met. toxicity (subacute, subchronic, vailable on the preparation/mixture itself. arcinogenicity, mutagenicity and data, the classification criteria are not met. nicity	-3(2H)-ONE ; CAS No. : 2634-33-5 ) -3(2H)-ONE ; CAS No. : 2634-33-5 ) <b>chronic)</b>	
Does not decompose SECTION 11: Toxicol Acute toxicity Based on available of Acute oral toxicity Parameter : Exposure route : Effective dose : Acute dermal toxi Parameter : Exposure route : Effective dose : Specific effects There are no data ar Corrosion Based on available of Respiratory or si Based on available of Repeated dose There are no data ar CMR effects (ca Carcinogenicity Based on available Germ cell mutage Based on available	when used for intended uses. ogical information hazard classes as defined in Reg lata, the classification criteria are not met. / LD50 ( 1,2-BENZISOTHIAZOL Oral > 2000 mg/kg city LD50 ( 1,2-BENZISOTHIAZOL Dermal > 5000 mg/kg (Longterm animal experiment) vailable on the preparation/mixture itself. lata, the classification criteria are not met. skin sensitisation lata, the classification criteria are not met. toxicity (subacute, subchronic, vailable on the preparation/mixture itself. arcinogenicity, mutagenicity and data, the classification criteria are not met. nicity data, the classification criteria are not met.	-3(2H)-ONE ; CAS No. : 2634-33-5 ) -3(2H)-ONE ; CAS No. : 2634-33-5 ) <b>chronic)</b>	
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Safety Data She			D.	( EN / I
according to Regulation (EC) No. 1907/2006 (REACH)				
Trade name : Lithofin TC Sealant				
Revision date :	04.03.2021		Version (Revision) :	6.1.1 (6.1.0
Print date :	13.04.2021			, , , , , , , , , , , , , , , , , , ,
Based on available of	lata, the classi	ification criteria are not met.		
STOT-repeated	-			
	-	ification criteria are not met.		
Aspiration haza				
		ification criteria are not met.		
11.2 Information on		ards		
No information availa	ble.			
SECTION 12: Ecolog	ical inform	nation		
12.1 Toxicity				
Aquatic toxicity				
•	•	ification criteria are not met.		
		aquatic algae and cyanobac	teria	
Parameter :			-3(2H)-ONE ; CAS No. : 2634-33-5 )	
Species :		Daphnia		
Evaluation parame	ter :	Acute (short-term) toxicity to	crustacea	
Effective dose :		3,27 mg/l		
Exposure time : Method :		48 h OECD 202		
Parameter :			-3(2H)-ONE ; CAS No. : 2634-33-5 )	
Species :		Algae		
Evaluation parame	ter :		aquatic algae and cyanobacteria	
Effective dose :		0,11 mg/l		
Exposure time : Method :		72 h OECD 201		
	ont plant	OECD 201		
Sewage treatm	-	ing effluent treatment.		
L2.2 Persistence and		5		
	-	preparation/mixture itself.		
Biodegradatior				
•		e preparation/mixture itself.		
12.3 Bioaccumulative				
	•	preparation/mixture itself.		
12.4 Mobility in soil				
-	ailable on the	preparation/mixture itself.		
12.5 Results of PBT a				
		ot meet the PBT/vPvB criteria a	coording to REACH appendix XIII	
12.6 Endocrine disru				
No information availa				
12.7 Other adverse e				
		preparation/mixture itself.		
12.8 Additional ecoto				
Additional informa	-			
The product has not				
SECTION 13: Dispos	al conside	rations		
· · · ·				
L3.1 Waste treatmen Dispose of waste acc				
		ve 2008/98/EC, covering waste a	and dangerous waste.	
Directive 2009	/08/EC /M	Jasto Eramowork Diror	tivo)	

Directive 2008/98/EC (Waste Framework Directive)

# Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH)

# Trade name :

Revision date : Print date : Lithofin TC Sealant

04.03.2021 13.04.2021 Version (Revision) :

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#### Before intended use

#### Waste codes/waste designations according to EWC/AVV

Waste code (EWC/AVV): 07 01 99 (Wastes not otherwise specified)

# After intended use

Do not allow to enter into surface water or drains. Non-contaminated packages may be recycled. Packing which cannot be properly cleaned must be disposed of. Delivery to an approved waste disposal company.

#### **Disposal operations**

Contaminated packages must be completely emptied and can be re-used following proper cleaning. Packing which cannot be properly cleaned must be disposed of.

## 13.2 Additional information

These codes are assigned based upon the most common uses for this material and may not reflect contaminants resulting from actual use.

# **SECTION 14: Transport information**

# 14.1 UN number

No dangerous good in sense of these transport regulations.

#### 14.2 UN proper shipping name

No dangerous good in sense of these transport regulations.

#### 14.3 Transport hazard class(es)

No dangerous good in sense of these transport regulations.

#### 14.4 Packing group

No dangerous good in sense of these transport regulations.

# 14.5 Environmental hazards

No dangerous good in sense of these transport regulations.

# 14.6 Special precautions for user

#### None

**14.7 Maritime transport in bulk according to IMO instruments** Not required.

# **SECTION 15: Regulatory information**

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

## EU legislation

REGULATION (EC) No 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)

REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL on classification, labelling and packaging of substances and mixtures (clp)

DIRECTIVE 2008/98/EC OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL on waste (2000/532/EC) EN 2:1992 (DIN EN 2:2005-01)

#### Authorisations and/or restrictions on use

#### **Restrictions of occupation**

Observe restrictions to employment for juvenils according to the 'juvenile work protection guideline' (94/33/EC). Observe employment restrictions under the Maternity Protection Directive (92/85/EEC) for expectant or nursing mothers.

#### Other regulations (EU)

Directive 98/24/EC of 7 April 1998 on the protection of the health and safety of workers from the risks related to chemical agents at work. (Directive 2000/39/EC, Directive 2006/15/EC, Directive 2009/161/EC) REGULATION (EU) No 649/2012 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL concerning the export and

import of hazardous chemicals [PIC-Regulation]: Not listed.

REGULATION (EU) No 98/2013 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL on the marketing and use of explosives precursors: Not listed.

**Regulation (EC) No. 1005/2009 on substances that lead to the depletion of the ozone layer** Not listed.

according to Regulat	tion (EC) No. 1907/2006	(REACH)	
Trade name : Revision date : Print date :	<b>Lithofin TC Seala</b> 04.03.2021 13.04.2021	ant Version (Revision) :	6.1.1 (6.1.0
Regulation (EC)	wing substances that deplete the oz No 850/2004 [POP-Regulation]		
Not listed. Name of the pers	istent organic pollutant (POP): -		
National regulation	ns		
Germany: TRGS 400 (Risk asse TRGS 500 (Protectiv TRGS 510 (Storage	any national regulations! essment for activities involving haza /e measures) of hazardous substances in non-stat instruction and information for worl	tionary containers)	
Water hazard clas			
	rding to AwSV - Class : 1 (Slightly ha <b>c, restrictions and prohibition re</b>	,	
Switzerland		gulations	
VOCV-Regulation	on		
Maximum VOC o	content (Switzerland) : < 3 Wt g	% according to VOCV	
Austria			
Regulation on F VbF-Class : NU	Flammable Liquids - VbF		
15.2 Chemical safety		has not been carried out.	
	ivturo a chomical cafoty accorement		

# **SECTION 16: Other information**

# 16.1 Indication of changes

02. Classification of the substance or mixture · 02. Label elements · 02. Labelling according to Regulation (EC) No. 1272/2008 [CLP] · 02. Special rules for supplemental label elements for certain mixtures · 03. Hazardous ingredients · 07. Hints on joint storage - Storage class · 15. Water hazard class (WGK)

# 16.2 Abbreviations and acronyms

ABC-Pulver	Extinguishing powder for fire class A, B and C
ABEK-P1	combination filter
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
AVV	Abfallverzeichnis-Verordnung (Waste Regulation)
AWSV	Ordinance on facilities for the handling of substances hazardous to water
BGR	BG rules and regulations
ca.	circa
CAS	Chemical Abstracts Service
CLP	classification, labelling and packaging
CMR	Carcinogen, mutagen or toxic for reproduction
DIN	German Institute for Standardization
DNEL	Derived No-Effect Level
EAK/EWC/EAC/CWR/CER	European Waste Catalogue
EC50 / CE50	Effective Concentration 50%
EG / EC / CE	European Community
EN	European Standard
EUH	supplemental hazard statement of the european union
GefStoffV	Gefahrstoffverordnung (Hazardous Substances Ordinance)
GHS / SGH	Globally Harmonised System
H-Sätze	hazard statements

IATA-DGR	International Air Transport Association-Dangerous Goods Regulations
IBC-Code	International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk
ICAO-TI	International Civil Aviation Organization-Technical Instructions
IMDG-Code	International Maritime Dangerous Goods Code
ISO	International Organization for Standardization
LC50 / CL50	Lethal Concentration 50%
LD50 / DL50	Lethal Dose 50%
log P O/W	Partition coefficient n-octanol/water
MARPOL	International Convention for the Prevention of Pollution from Ships (marine pollution)
NOAEL (DSET)	No observed adverse effect level
NOEC (CSEO)	No observed effect concentration
Nr.	Number
OECD	Organisation for Economic Co-operation and Development
PBT	persistent, bioaccumulative and toxic
рH	Potentia hydrogenii
PIC	prior informed consent
PNEC	Predicted No-Effect Concentration
POP	Persistent organic pollutants
P-Sätze	precautionary statements
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals
RID	International Carriage of Dangerous Goods by Rail
STEL / LECT	short-term exposure limit
TRGS	Technische Regeln für Gefahrstoffe (Technical Rules for Hazardous Substances)
TWA / MPT	time-weighted average
UN/ONU	United Nations
VOC/COV/VOS/LZO	Volatile Organic Compound
VOCV	Ordinance on the Incentive Tax on Volatile Organic Compounds (SR 814.018)
vPvB	very persistent and very bioaccumulative
WGK	Wassergefährdungsklasse (Water hazard class)

For abbreviations and acronyms, see table at http://abbrev.esdscom.eu. For abbreviations and acronyms, see: ECHA Guidance on information requirements and chemical safety assessment, chapter R.20 (Table of terms and abbreviations).

# 16.3 Key literature references and sources for data

REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL ECHA: Registered substances (https://echa.europa.eu/information-on-chemicals/registered-substances) REACH Article 59: Candidate List of substances of very high concern for Authorisation (https://echa.europa.eu/candidate-list-table)

# Classification for mixtures and used evaluation method according to regulation (EC) No 1272/2008 [CLP]

Hazard statements for physical hazards : On basis of test data. Hazard statements for health hazards : Calculation method. Hazard statements for environmental hazards : Calculation method.

# 16.5 Relevant H- and EUH-phrases (Number and full text)

- Toxic if swallowed. H301 H302 Harmful if swallowed. H311 Toxic in contact with skin. H314 Causes severe skin burns and eye damage. H315 Causes skin irritation.
- H317 May cause an allergic skin reaction.

# Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH)

04.03.2021

13.04.2021

Trade name :

Revision date :

Print date :

Lithofin TC Sealant

Version (Revision) :

6.1.1 (6.1.0)

Trade name :	Lithofin TC Sealant		
Revision date : Print date :	04.03.2021 13.04.2021	Version (Revision) :	6.1.1 (6.1.0)
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.		
H411	Toxic to aquatic life with long lasting effects.		
EUH071	Corrosive to the respiratory tract.		
16.6 Training advic	e		
None			
16.7 Additional info	ormation		
None			

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.