

according to Regulation (EC) No 1907/2006

Kisling -	3130	paste
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Revision date: 25.07.2023

Product code: 3130P

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SECTION 1: Identification of the substance/mixture and of the company/undertaking 1.1. Product identifier Kisling - 3130 paste UFI: GM70-D03U-300Y-XP2D 1.2. Relevant identified uses of the substance or mixture and uses advised against Use of the substance/mixture Adhesives and sealants Uses advised against No information available. 1.3. Details of the supplier of the safety data sheet Manufacturer Company name: **Kisling AG** Street[.] Motorenstrasse 102 Place: CH-8620 Wetzikon +41 58 272 0 272 Telephone: E-mail: customerservice@kisling.com Internet: www.kisling.com Supplier Kisling (Deutschland) GmbH Company name: Street: Salzstraße 15 D-74676 Niedernhall Place: Telephone: +49 7940 50961 61 E-mail: customerservice@kisling.com Contact person: Dr. Hans Götz Telephone: +49 7940 5096 143 compliance@kisling.com E-mail: Internet: www.kisling.com 1.4. Emergency telephone 24 hr. emergency phone number +1 872 5888271 (KAR) Medicines & Poisons Info Office +356 2545 6508 number:

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Regulation (EC) No 1272/2008

This mixture is not classified as hazardous in accordance with Regulation (EC) No 1272/2008.

2.2. Label elements

Regulation (EC) No 1272/2008

Special labelling of certain mixtures

EUH208

Contains Dimethylbis[(1-oxoneodecyl)oxy]stannane. May produce an allergic reaction.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Chemical characterization

Mixture of substances listed below with nonhazardous components.



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Hazardous components

CAS No	Chemical name			
	EC No	Index No	REACH No	
	Classification (Regulation (EC) No	1272/2008)		
37859-55-5	2-Pentanone, 2,2',2"-[0,0',0"-(met	hylsilylidyne)trioxime]		1 - < 5 %
	484-460-1		01-2120004323-76	
	Acute Tox. 4, Eye Irrit. 2; H302 H319			
58190-62-8	2-Pentanone, 2,2',2"-[O,O',O"-(ethenylsilylidyne)trioxime]			1 - < 5 %
	700-810-0		01-2120006148-66	
	Acute Tox. 4, Eye Irrit. 2; H302 H3	9		
68928-76-7	Dimethylbis[(1-oxoneodecyl)oxy]sta	annane		< 0.1 %
	273-028-6		01-2120770324-57	
	Acute Tox. 4, Skin Irrit. 2, Skin Sens. 1A, Aquatic Chronic 3; H302 H315 H317 H412			

Full text of H and EUH statements: see section 16.

Specific Conc. Limits, M-factors and ATE

CAS No	EC No	Chemical name	Quantity
	Specific Conc.	Limits, M-factors and ATE	
37859-55-5	484-460-1	2-Pentanone, 2,2',2"-[O,O',O"-(methylsilylidyne)trioxime]	1 - < 5 %
	dermal: LD50 -	= > 2000 mg/kg; oral: LD50 = ca. 1234 mg/kg	
58190-62-8	700-810-0	2-Pentanone, 2,2',2"-[O,O',O"-(ethenylsilylidyne)trioxime]	1 - < 5 %
	dermal: LD50 =	= > 2000 mg/kg; oral: LD50 = > 1000 - < 2000 mg/kg	
68928-76-7	273-028-6	Dimethylbis[(1-oxoneodecyl)oxy]stannane	< 0.1 %
	dermal: LD50 =	= >2000 mg/kg; oral: LD50 = 892 mg/kg	

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

Take off immediately all contaminated clothing.

After inhalation

Provide fresh air. If breathing is irregular or stopped, administer artificial respiration. Medical treatment necessary. When in doubt or if symptoms are observed, get medical advice.

After contact with skin

After contact with skin, wash immediately with plenty of water and soap. Take off immediately all contaminated clothing and wash it before reuse. Medical treatment necessary. After contact with skin, wash immediately with plenty of water and soap. In case of skin irritation, consult a physician.

After contact with eyes

In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and consult an ophthalmologist. Remove contact lenses, if present and easy to do. Continue rinsing.

After ingestion

Observe risk of aspiration if vomiting occurs. Rinse mouth immediately and drink 1 glass of of water. Do NOT induce vomiting. Get immediate medical advice/attention.

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

No further relevant information available.

4.3. Indication of any immediate medical attention and special treatment needed Treat symptomatically. No further relevant information available.

SECTION 5: Firefighting measures



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5.1. Extinguishing media

Suitable extinguishing media

Co-ordinate fire-fighting measures to the fire surroundings. Co-ordinate fire-fighting measures to the fire surroundings.

Unsuitable extinguishing media

No information available.

5.2. Special hazards arising from the substance or mixture

In case of fire and/or explosion do not breathe fumes.

5.3. Advice for firefighters

Wear a self-contained breathing apparatus and chemical protective clothing. Full protection suit.

Additional information

Use water spray jet to protect personnel and to cool endangered containers. Suppress gases/vapours/mists with water spray jet. Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General advice

Provide adequate ventilation. Do not breathe gas/fumes/vapour/spray. Avoid contact with skin, eyes and clothes. Use personal protection equipment. Provide adequate ventilation. Wear breathing apparatus if exposed to vapours/dusts/aerosols.

6.2. Environmental precautions

Do not allow to enter into surface water or drains. In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.

6.3. Methods and material for containment and cleaning up

For cleaning up

Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents). Treat the recovered material as prescribed in the section on waste disposal.

6.4. Reference to other sections

Safe handling: see section 7 Personal protection equipment: see section 8 Disposal: see section 13

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

No special handling advices are necessary.

Advice on protection against fire and explosion

No special fire protection measures are necessary.

Advice on general occupational hygiene

Remove contaminated, saturated clothing immediately. Draw up and observe skin protection programme. Wash hands and face before breaks and after work and take a shower if necessary. When using do not eat, drink, smoke, sniff.

Further information on handling

Keep only in the original container in a cool, well-ventilated place.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep container tightly closed. Keep locked up. Store in a place accessible by authorized persons only. Provide adequate ventilation as well as local exhaustion at critical locations.



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Hints on joint storage

none

Further information on storage conditions

Store in a cool dry place. Protect from direct sunlight.

7.3. Specific end use(s)

No further relevant information available.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

DNEL/DMEL values

CAS No	Name of agent			
DNEL type		Exposure route	Effect	Value
37859-55-5	2-Pentanone, 2,2',2"-[O,O',O"-(methylsilylidyne)trioxime]			
Worker DNEL,	, long-term	inhalation	systemic	0,229 mg/m ³
Worker DNEL,	long-term	dermal	systemic	0,065 mg/kg bw/day
Consumer DN	EL, long-term	inhalation	systemic	0,057 mg/m³
Consumer DNEL, long-term		dermal	systemic	0,033 mg/kg bw/day
Consumer DN	Consumer DNEL, long-term		systemic	0,033 mg/kg bw/day
58190-62-8	2-Pentanone, 2,2',2"-[O,O',O"-(ethenylsilylidyne)trioxime]			
Worker DNEL,	, long-term	inhalation	systemic	0,229 mg/m ³
Worker DNEL, long-term		dermal	systemic	0,065 mg/kg bw/day
Consumer DNEL, long-term		inhalation	systemic	0,057 mg/m³
Consumer DNEL, long-term		dermal	systemic	0,033 mg/kg bw/day
Consumer DN	EL, long-term	oral	systemic	0,033 mg/kg bw/day



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PNEC values

CAS No	Name of agent	
Environment	al compartment	Value
37859-55-5	2-Pentanone, 2,2',2"-[O,O',O"-(methylsilylidyne)trioxime]	
Freshwater		0,1 mg/l
Marine water	r	0,01 mg/l
Freshwater s	sediment	0,569 mg/kg
Marine sedin	nent	0,057 mg/kg
Micro-organi	sms in sewage treatment plants (STP)	2,15 mg/l
Soil		0,044 mg/kg
58190-62-8	2-Pentanone, 2,2',2"-[O,O',O"-(ethenylsilylidyne)trioxime]	
Freshwater		0,103 mg/l
Marine wate	r	0,01 mg/l
Freshwater s	sediment	0,586 mg/kg
Marine sediment		0,059 mg/kg
Micro-organi	sms in sewage treatment plants (STP)	2,22 mg/l
Soil		0,046 mg/kg

8.2. Exposure controls





Appropriate engineering controls

If handled uncovered, arrangements with local exhaust ventilation have to be used. Do not breathe gas/fumes/vapour/spray.

Individual protection measures, such as personal protective equipment

Eye/face protection

Suitable eye protection: goggles.

Hand protection

Hand protection EN ISO 374

When handling with chemical substances, protective gloves must be worn with the CE-label including the four control digits. 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. Tested protective gloves must be worn.

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.

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Skin protection

Wear suitable protective clothing. The type of personal protection equipment has to be chosen based on the concentration and amount of the dangerous substance at the workplace.

Respiratory protection

In case of inadequate ventilation wear respiratory protection. If technical exhaust or ventilation measures are not possible or insufficient, respiratory protection must be worn.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state:



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Colour:	blue		
Odour:	characteristic		
Odour threshold:	not determined		
Melting point/freezing point:		not determined	
Boiling point or initial boiling point and		not applicable	
boiling range:			
Flammability:		not applicable	
Lower explosion limits:		not determined	
Upper explosion limits:		not determined	
Flash point:		not applicable	
Auto-ignition temperature:		not determined	
Decomposition temperature:		not determined	
pH-Value:		not determined	
Viscosity / kinematic:		not determined	
Water solubility:		not determined	
Solubility in other solvents			
not determined			
Partition coefficient n-octanol/water:		not determined	
Vapour pressure:		not determined	
Density (at 20 °C):		1,25 g/cm³	
Relative density:		not determined	
Relative vapour density:	Not determinable d	ue to hydrolysis.	
9.2. Other information			
Information with regard to physical h	azard classes		
Explosive properties			
The product is not: Explosive.			
Oxidizing properties			
not determined			
Other safety characteristics			

not determined not determined

not determined

Other safety characteristics

Evaporation rate: Solid content: Viscosity / dynamic: (at 25 °C)

SECTION 10: Stability and reactivity

10.1. Reactivity

No further relevant information available.

10.2. Chemical stability

The product is stable under storage at normal ambient temperatures.

10.3. Possibility of hazardous reactions

No known hazardous reactions.

10.4. Conditions to avoid

The product is chemically stable under recommended conditions of storage, use and temperature.

10.5. Incompatible materials

No further relevant information available.

10.6. Hazardous decomposition products

No further relevant information available.

SECTION 11: Toxicological information



Safety Data Sheet

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

Toxicocinetics, metabolism and distribution

No data available

Acute toxicity

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

ATEmix calculated

ATE (oral) 19333 mg/kg; ATE (dermal) > 2000 mg/kg; ATE (inhalation vapour) > 20 mg/l; ATE (inhalation dust/mist) > 5 mg/l

CAS No	Chemical name						
	Exposure route	Dose		Species	Source	Method	
37859-55-5	2-Pentanone, 2,2',2"-[0,0	D',O''-(methylsilylidy	/ne)tri	oxime]			
	oral	LD50 ca. 12 mg/kg	234	Rat	Study report (2008)	OECD Guideline 425	
	dermal	LD50 > 200 mg/kg	00	Rat	Study report (1995)	EU Method B.3	
58190-62-8	2-Pentanone, 2,2',2"-[0,0)',O''-(ethenylsilylid	yne)tri	ioxime]			
	oral	LD50 > 100 < 2000 mg/kg	0 -	Rat	Study report (2012)	OECD Guideline 423	
	dermal	LD50 > 200 mg/kg	00	Rat	Study report (1995)	EU Method B.3	
68928-76-7	Dimethylbis[(1-oxoneode	cyl)oxy]stannane					
	oral	LD50 892 mg/kg		Rat	Study report (2001)	OECD Guideline 401	
	dermal	LD50 >200 mg/kg	0		Pre-supplier/manufact urer		

Irritation and corrosivity

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

Sensitising effects

Contains Dimethylbis[(1-oxoneodecyl)oxy]stannane. May produce an allergic reaction.

Carcinogenic/mutagenic/toxic effects for reproduction

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

STOT-single exposure

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

STOT-repeated exposure

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

Aspiration hazard

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

Specific effects in experiment on an animal

No data available

Additional information on tests

No data available

Practical experience

May be harmful if swallowed, in contact with skin or if inhaled.

11.2. Information on other hazards

Further information

The mixture is classified as hazardous according to regulation (EC) No 1272/2008 [CLP].



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SECTION 12: Ecological information

12.1. Toxicity

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

CAS No	Chemical name						
	Aquatic toxicity	Dose		[h] [d]	Species	Source	Method
37859-55-5	2-Pentanone, 2,2',2"-[0,0)',O"-(meth	ylsilylidyne)trid	oxime]			
	Acute fish toxicity	LC50 mg/l	> 113	96 h		REACh Registration Dossier	
	Acute algae toxicity	ErC50	100 mg/l	72 h		REACh Registration Dossier	
	Acute crustacea toxicity	EC50 mg/l	> 100	48 h	Daphnia magna	REACh Registration Dossier	OECD Guideline 202
58190-62-8	2-Pentanone, 2,2',2"-[O,O',O"-(ethenylsilylidyne)trioxime]						
	Acute fish toxicity	LC50 mg/l	> 117	96 h		REACh Registration Dossier	
	Acute algae toxicity	ErC50	103 mg/l	72 h		REACh Registration Dossier	
	Acute crustacea toxicity	EC50 mg/l	> 117	48 h		REACh Registration Dossier	
68928-76-7	Dimethylbis[(1-oxoneodeo	cyl)oxy]star	nane				
	Acute algae toxicity	ErC50	7,6 mg/l	72 h	Raphidocelis subcapitata	REACh Registration Dossier	OECD Guideline 201
	Acute crustacea toxicity	EC50	39 mg/l	48 h	Daphnia magna	REACh Registration Dossier	OECD Guideline 202

12.2. Persistence and degradability

No data available

12.3. Bioaccumulative potential

No data available

Partition coefficient n-octanol/water

CAS No	Chemical name	Log Pow
37859-55-5	2-Pentanone, 2,2',2"-[O,O',O"-(methylsilylidyne)trioxime]	ca. 1,25
58190-62-8	2-Pentanone, 2,2',2"-[O,O',O"-(ethenylsilylidyne)trioxime]	ca. 1,25
68928-76-7	Dimethylbis[(1-oxoneodecyl)oxy]stannane	5,503

BCF

CAS No	Chemical name	BCF	Species	Source
37859-55-5	2-Pentanone, 2,2',2"-[O,O',O"- (methylsilylidyne)trioxime]	3,103		REACh Registration D
58190-62-8	2-Pentanone, 2,2',2"-[O,O',O"- (ethenylsilylidyne)trioxime]	3,103		REACh Registration D

12.4. Mobility in soil

No further relevant information available.



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12.5. Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

12.6. Endocrine disrupting properties

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

12.7. Other adverse effects

No data available

Further information

Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal recommendations

Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil. Dispose of waste according to applicable legislation.

List of Wastes Code - residues/unused products

080409 WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS; wastes from MFSU of adhesives and sealants (including waterproofing products); waste adhesives and sealants containing organic solvents or other hazardous substances; hazardous waste

List of Wastes Code - used product

080409 WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS; wastes from MFSU of adhesives and sealants (including waterproofing products); waste adhesives and sealants containing organic solvents or other hazardous substances; hazardous waste

List of Wastes Code - contaminated packaging

080409 WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS; wastes from MFSU of adhesives and sealants (including waterproofing products); waste adhesives and sealants containing organic solvents or other hazardous substances; hazardous waste

Contaminated packaging

Non-contaminated packages may be recycled. Handle contaminated packages in the same way as the substance itself.

SECTION 14: Transport information

Land transport (ADR/RID)

14.1. UN number or ID number:	No dangerous good in sense of this transport regulation.
14.2. UN proper shipping name:	No dangerous good in sense of this transport regulation.
14.3. Transport hazard class(es):	No dangerous good in sense of this transport regulation.
14.4. Packing group:	No dangerous good in sense of this transport regulation.
Inland waterways transport (ADN)	
14.1. UN number or ID number:	No dangerous good in sense of this transport regulation.
14.2. UN proper shipping name:	No dangerous good in sense of this transport regulation.
14.3. Transport hazard class(es):	No dangerous good in sense of this transport regulation.
14.4. Packing group:	No dangerous good in sense of this transport regulation.
Marine transport (IMDG) <u>14.1. UN number or ID number:</u>	No dangerous good in sense of this transport regulation.



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14.2. UN proper shipping name:	No dangerous good in sense of this transport regulation.	
14.3. Transport hazard class(es):	No dangerous good in sense of this transport regulation.	
14.4. Packing group:	No dangerous good in sense of this transport regulation.	
Air transport (ICAO-TI/IATA-DGR)		
14.1. UN number or ID number:	No dangerous good in sense of this transport regulation.	
14.2. UN proper shipping name:	No dangerous good in sense of this transport regulation.	
14.3. Transport hazard class(es):	No dangerous good in sense of this transport regulation.	
14.4. Packing group:	No dangerous good in sense of this transport regulation.	
14.5. Environmental hazards		
ENVIRONMENTALLY HAZARDOUS:	No	
14.6. Special precautions for userNo information available.14.7. Maritime transport in bulk according to not applicable	o IMO instruments	
SECTION 15: Regulatory information		
15.1. Safety, health and environmental regu	lations/legislation specific for the substance or mixture	
EU regulatory information Restrictions on use (REACH, annex XVII):		
Entry 75		
2010/75/EU (VOC):	1,178 % (14,724 g/l)	
National regulatory information		
Employment restrictions:	Observe restrictions to employment for juveniles according to the 'ju work protection guideline' (94/33/EC).	venile
Water hazard class (D):	2 - obviously hazardous to water	
15.2. Chemical safety assessment		
Chemical safety assessments for subs	tances in this mixture were not carried out.	

SECTION 16: Other information



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Abbreviations and acronyms CLP: Classification, labelling and Packaging REACH: Registration, Evaluation and Authorization of Chemicals GHS: Globally Harmonised System of Classification, Labelling and Packaging of Chemicals **UN: United Nations** CAS: Chemical Abstracts Service **DNEL: Derived No Effect Level** DMEL: Derived Minimal Effect Level PNEC: Predicted No Effect Concentration ATE: Acute toxicity estimate LC50: Lethal concentration, 50% LD50: Lethal dose, 50% LL50: Lethal loading, 50% EL50: Effect loading, 50% EC50: Effective Concentration 50% ErC50: Effective Concentration 50%, growth rate NOEC: No Observed Effect Concentration BCF: Bio-concentration factor PBT: persistent, bioaccumulative, toxic vPvB: very persistent, very bioaccumulative ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road) RID: Regulations concerning the international carriage of dangerous goods by rail ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways (Accord européen relatif au transport international des marchandises dangereuses par voies de navigation intérieures) IMDG: International Maritime Code for Dangerous Goods EmS: Emergency Schedules MFAG: Medical First Aid Guide IATA: International Air Transport Association ICAO: International Civil Aviation Organization MARPOL: International Convention for the Prevention of Marine Pollution from Ships IBC: Intermediate Bulk Container VOC: Volatile Organic Compounds SVHC: Substance of Very High Concern For abbreviations and acronyms, see: ECHA Guidance on information requirements and chemical safety assessment, chapter R.20 (Table of terms and abbreviations). Acute Tox: Acute toxicity Skin Irrit: Skin irritation Eye Irrit: Eye irritation Skin Sens: Skin sensitisation Aquatic Chronic: Chronic aquatic hazard Relevant H and EUH statements (number and full text) H302 Harmful if swallowed. H315 Causes skin irritation. H317 May cause an allergic skin reaction. H319 Causes serious eye irritation. H412 Harmful to aquatic life with long lasting effects. EUH208 Contains Dimethylbis[(1-oxoneodecyl)oxy]stannane. May produce an allergic reaction.

Further Information

The information is based on the present level of our knowledge. It does not, however, give assurance of product properties and establishes no contract legal rights. The receiver of our product is singularly responsible for adhering to existing laws and regulations. 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,



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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.

Identified uses

No	Short title	LCS	SU	PC	PROC	ERC	AC	TF	Specification
1	Adhesives and sealants	PW, C	6a, 6b, 12, 18, 19	1	11, 19	4, 8a, 8c, 8d	4e, 4g, 5c, 6g, 7c, 7g, 8, 10, 11, 13	110	K+D
LCS: L	ife cycle stages	S	SU: Sectors of use						
PC: Product categories					PROC: Process categories				
ERC: Environmental release categories					AC: Article categories				

ERC: Environmental release categories

TF: Technical functions

(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)