Safety Data Sheet

according to Regulation (EC) No 1907/2006, Article 31, as amended by Regulation (EU) 2020/878.

Printing date 15.04.2026 Version number 1 Revision: 15.04.2026

SECTION 1: Identification of the substance/mixture and of the company/ undertaking

1.1 Product identifier
Trade name: Pieri Curing TP 2002

Safety data sheet no.: 358P1158
1.2 Relevant identified uses of the substance or mixture and uses advised against
The product is intended for industrial or professional use.
Application of the substance / the mixture Construction chemicals

1.3 Details of the supplier of the safety data sheet
Manufacturer/Supplier:
Saint-Gobain Finland Oy
PL 70
(Strömberginkuja 2)
FIN-00381 Helsinki
Phone: +358-(0)10-44 22 00
e-mail: DL-productsafety.fi@saint-gobain.com
1.4 Emergency telephone number:
+358 800 147 111
+358 9 471 977
Finnish Poison Information Centre

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture
Classification according to Regulation (EC) No 1272/2008
The product is not classified according to the CLP regulation.

2.2 Label elements
Labelling according to Regulation (EC) No 1272/2008 Void
Hazard pictograms Void
Signal word Void
Hazard statements Void
Additional information:
EUH208 Contains Fatty acids, tall-oil, reaction products with boric acid (H3BO3) and diethanolamine, chlorocresol. May produce an allergic reaction.
EUH210 Safety data sheet available on request.
2.3 Other hazards
Results of PBT and vPvB assessment
PBT: Does not contain PBT substances.
vPvB: Does not contain vPvB substances.
Determination of endocrine-disrupting properties
Does not contain substances with endocrine-disrupting properties.

SECTION 3: Composition/information on ingredients

3.2 Mixtures
Description: Mixture consisting of the following components.

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Dangerous components:		
CAS: 91770-03-5 EINECS: 294-785-9 Reg.nr.: 01-2119961359-26-xxxx	Fatty acids, tall-oil, reaction products with boric acid (H3BO3) and diethanolamine Skin Sens. 1, H317 Specific concentration limit: Skin Sens. 1B; H317: C≥ 7 %	0.1-1%
CAS: 59-50-7 EINECS: 200-431-6 Index number: 604-014-00-3 Reg.nr.: 01-2119938953-25-xxxx	chlorocresol Skin Corr. 1C, H314; Eye Dam. 1, H318; Aquatic Acute 1, H400 (M=1); Acute Tox. 4, H302; Skin Sens. 1B, H317; STOT SE 3, H335; Aquatic Chronic 3, H412 substance with a Community workplace exposure limit	≥0.1-<0.25%

SVHC Void
Additional information For the wording of the listed hazard statements refer to section 16.

SECTION 4: First aid measures

4.1 Description of first aid measures
General information
Never administer anything by mouth to an unconscious person.
If unconscious, place the patient in a stable side position and consult a doctor
After inhalation Supply fresh air; consult doctor in case of complaints.
After skin contact Immediately wash with water and soap and rinse thoroughly.
After eye contact
Rinse immediately and abundantly with water. Seek medical attention, if pain or redness persists. Remove contact lenses, if possible. Continue rinsing
After swallowing
Rinse out mouth with water. Do not induce vomiting. Seek medical attention and present this data sheet.
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
No further relevant information available.

SECTION 5: Firefighting measures

5.1 Extinguishing media
Suitable extinguishing agents
Foam
Carbon dioxide
BC powder
5.2 Special hazards arising from the substance or mixture
No further relevant information available.

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5.3 Advice for firefighters
Protective equipment: Use methods suitable to surrounding conditions.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures
Wear protective equipment. Keep unprotected persons away.
6.2 Environmental precautions:
In case of seepage into the ground inform responsible authorities.
Do not allow to enter sewers/ surface or ground water.
6.3 Methods and material for containment and cleaning up:
Absorb liquid components with liquid-binding material.
Send for recovery or disposal in suitable receptacles.
6.4 Reference to other sections
See Section 7 for information on safe handling
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

SECTION 7: Handling and storage

7.1 Precautions for safe handling Ensure good ventilation/exhaustion at the workplace.
Information about fire - and explosion protection: No special measures required.

7.2 Conditions for safe storage, including any incompatibilities
Storage
Requirements to be met by storerooms and receptacles:
Store only in unopened original receptacles.
Information about storage in one common storage facility: Store away from foodstuffs.
Further information about storage conditions: Keep container tightly sealed.
7.3 Specific end use(s) No further relevant information available.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters
Ingredients with limit values that require monitoring at the workplace:

DNELs		
CAS: 91770-03-5 Fatty acids, tall-oil, reaction products with boric acid (H3BO3) and diethanolamine		
Oral	Derived No Effect Level	1.25 mg/kgxday (consumer systemic long term value)
Dermal	Derived No Effect Level	7 mg/kgxday (worker systemic long term value)
		2.5 mg/kgxday (consumer systemic long term value)
Inhalative	Derived No Effect Level	12,340 mg/m³ (worker systemic long term value)
		2.18 mg/m³ (consumer systemic long term value)
		2.18 mg/m³ (human)

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CAS: 59-50-7 chlorocresol		
Oral	Derived No Effect Level	0.892 mg/kgxday (consumer systemic long term value)
Dermal	Derived No Effect Level	3.567 mg/kgxday (worker systemic long term value)
		1.783 mg/kgxday (consumer systemic long term value)
Inhalative	Derived No Effect Level	6.289 mg/m³ (worker systemic long term value)
		1.551 mg/m³ (consumer systemic long term value)

PNECs	
CAS: 91770-03-5 Fatty acids, tall-oil, reaction products with boric acid (H3BO3) and diethanolamine	
Predicted No-Effect Concentration	1 mg/kgxdwt (earth rating factor)
Predicted No-Effect Concentration	0.045 mg/l (sea water rating factor)
	0.45 mg/l (fresh water rating factor)
CAS: 59-50-7 chlorocresol	
Predicted No-Effect Concentration	6.399 mg/kgxdwt (earth rating factor)
Predicted No-Effect Concentration	0.0015 mg/l (sea water rating factor)
	0.015 mg/l (fresh water rating factor)

CAS No. / Designation of material / % / Type / Value / Unit	
CAS: 59-50-7 chlorocresol	
MAK (Germany)	als Dampf und Aerosol;vgl.Abschn.IIb und Xc
OEL (Sweden)	Short-term value: 6 mg/m³ Long-term value: 3 mg/m³ SH, V

8.2 Exposure controls

Appropriate engineering controls No further data; see section 7.

Individual protection measures, such as personal protective equipment

General protective and hygienic measures:

The usual precautionary measures are to be adhered to when handling chemicals.
Take off contaminated clothing and wash before reuse.
Wash hands before breaks and at the end of work.

Respiratory protection:

Use suitable respiratory protective device when the ambient concentration is greater than the exposure limit value.

Hand protection

Protective gloves against chemicals (standard EN 374-1)
The glove material has to be impermeable and resistant to the product/ the substance/ the mixture.
The hands must be cleaned from the powder before putting on the gloves.
Check protective gloves prior to each use for their proper condition.

Material of gloves Nitrile rubber, NBR

Penetration time of glove material

The exact breaktrough time has to be found out by the manufacturer of the protective gloves and has to be observed.

Eye/face protection Protective eyewear (standard EN 166)

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Body protection: Protective work clothing.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

General Information	
Physical state	Liquid
Colour:	White
Odour:	Characteristic
Odour threshold:	Not determined
Melting point/freezing point:	Undetermined
Boiling point or initial boiling point and boiling range	100 °C (DIN)
Flammability	Not applicable
Lower and upper explosion limit	
Lower:	Not determined
Upper:	Not determined
Flash point:	>100 °C (DIN ISO 2592)
Auto-ignition temperature:	>320 °C (DIN 51794)
Decomposition temperature:	Not determined
pH at 20 °C	9.55
Viscosity:	
Kinematic viscosity	Not determined.
dynamic:	Not determined.
Solubility	
Water:	Fully miscible
Partition coefficient n-octanol/water (log value)	Not determined
Vapour pressure at 20 °C:	0.5 hPa (DIN 51640)
Density and/or relative density	
Density at 20 °C:	0.9 g/cm³ (DIN 51757)
Relative density	Not determined
Bulk density:	Not applicable.
Vapour density	Not determined

9.2 Other information

Appearance:	
Form:	Liquid
Important information on protection of health and environment, and on safety.	
Ignition temperature:	Product is not self-igniting.
Explosive properties:	Product does not present an explosion hazard.
Minimum ignition energy	
Solvent separation test:	Not applicable.
EU-VOC (%)	0.6900 %

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Change in condition	
Softening point/range	
Oxidising properties	Not determined.
Evaporation rate	Not determined
Information with regard to physical hazard classes	
Explosives	Void
Flammable gases	Void
Aerosols	Void
Oxidising gases	Void
Gases under pressure	Void
Flammable liquids	Void
Flammable solids	Void
Self-reactive substances and mixtures	Void
Pyrophoric liquids	Void
Pyrophoric solids	Void
Self-heating substances and mixtures	Void
Substances and mixtures, which emit flammable gases in contact with water	Void
Oxidising liquids	Void
Oxidising solids	Void
Organic peroxides	Void
Corrosive to metals	Void
Desensitised explosives	Void

SECTION 10: Stability and reactivity

10.1 Reactivity No further relevant information available.
10.2 Chemical stability Stable at recommended storage conditions
Thermal decomposition / Conditions to be avoided:
No decomposition if used according to specifications.
10.3 Possibility of hazardous reactions No dangerous reactions known
10.4 Conditions to avoid No further relevant information available.
10.5 Incompatible materials: No further relevant information available.
10.6 Hazardous decomposition products:
Carbon monoxide
Carbon dioxide

SECTION 11: Toxicological information

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008
Acute toxicity Based on available data, the classification criteria are not met.

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LD/LC50 values relevant for classification:

Components / Type / Value / Species		
CAS: 91770-03-5 Fatty acids, tall-oil, reaction products with boric acid (H3BO3) and diethanolamine		
Oral	LD50	5,000 mg/kg (Rat)
Dermal	LD50	2,000 mg/kg (rabbit)
CAS: 59-50-7 chlorocresol		
Oral	LD50	1,830 mg/kg (Rat)
Dermal	LD50	>2,000 mg/kg (Rat)

Primary irritant effect:
Skin corrosion/irritation Based on available data, the classification criteria are not met.
Serious eye damage/irritation Based on available data, the classification criteria are not met.
Respiratory or skin sensitisation
Based on available data, the classification criteria are not met.
Sensitising effect by skin contact is possible by prolonged exposure.
May cause an allergic skin reaction to already sensitised individuals (supplemental labelling EUH208 in Europe)
Germ cell mutagenicity Based on available data, the classification criteria are not met.
Carcinogenicity Based on available data, the classification criteria are not met.
Reproductive toxicity 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.
11.2 Information on other hazards

Endocrine disrupting properties
None of the ingredients is listed.

SECTION 12: Ecological information

12.1 Toxicity
Aquatic toxicity: Not classified as harmful to aquatic life

Type of test / Effective concentration / Method / Assessment	
CAS: 91770-03-5 Fatty acids, tall-oil, reaction products with boric acid (H3BO3) and diethanolamine	
NOEC (96h)	1,000 mg/l (Fish)
NOEC (48h)	100 mg/l (aquatic invertebrates)
CAS: 59-50-7 chlorocresol	
LC50/48h	2-3.9 mg/l (aquatic invertebrates)
LC50/96h	0.917-7.56 mg/l (Fish)
EC50/48h	1.5-2.29 mg/l (aquatic invertebrates)
EC50/96h	10 mg/l (aquatic algae and cyanobacteria)
EC50/72h	14.72-30.62 mg/l (aquatic algae and cyanobacteria)

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NOEC (72h)	1.9-9.8 mg/l (aquatic algae and cyanobacteria)
NOEC (96h)	0.366 mg/l (Fish)
NOEC (48h)	1.73 mg/l (aquatic invertebrates)
NOEC (21d)	0.32-1 mg/l (aquatic invertebrates)
NOEC (28d)	0.15 mg/l (Fish)

12.2 Persistence and degradability No further relevant information available.

Method	
CAS: 59-50-7 chlorocresol	
Biod. (28 days)	>50 %

12.3 Bioaccumulative potential

CAS: 91770-03-5 Fatty acids, tall-oil, reaction products with boric acid (H3BO3) and diethanolamine	
EBAB	8 log Pow
CAS: 59-50-7 chlorocresol	
EBAB	0.477 log Pow

12.4 Mobility in soil No further relevant information available.

12.5 Results of PBT and vPvB assessment

PBT: Does not contain PBT substances.

vPvB: Does not contain vPvB substances.

12.6 Endocrine disrupting properties

The product does not contain substances with endocrine disrupting properties.

12.7 Other adverse effects

Behaviour in sewage processing plants:

Type of test / Effective concentration / Method / Assessment	
CAS: 91770-03-5 Fatty acids, tall-oil, reaction products with boric acid (H3BO3) and diethanolamine	
EC 50 (3h)	10,000 mg/l (microorganisms)
CAS: 59-50-7 chlorocresol	
EC 50 (3h)	41.4 mg/l (microorganisms)

Additional ecological information:

General notes: Do not allow product to reach ground water, water course or sewage system.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Recommendation Dispose of the product in accordance with national and local regulations.

Uncleaned packaging:

Recommendation: Disposal must be made according to official regulations.

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SECTION 14: Transport information

14.1 UN number or ID number **ADR, IMDG, IATA**	Void
14.2 UN proper shipping name **ADR, IMDG, IATA**	Void
14.3 Transport hazard class(es) **ADR, ADN, IMDG, IATA** **Class**	Void
14.4 Packing group **ADR, IMDG, IATA**	Void
14.5 Environmental hazards:	Not applicable
14.6 Special precautions for user	Not applicable
14.7 Maritime transport in bulk according to IMO instruments	Not applicable
UN "Model Regulation":	Void

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
Regulation (EC) No 1907/2006 (REACH) (Candidate List, Annexes XIV and XVII)
Regulation (EC) No 1272/2008 (CLP)
Regulation (EU) 2020/878 (amending REACH Annex II on the compilation of safety data sheets)
Labelling according to Regulation (EC) No 1272/2008 cf. section 2

Directive 2012/18/EU
Named dangerous substances - ANNEX I None of the ingredients is listed.

REGULATION (EU) 2017/852 on mercury (Annex I)
None of the ingredients is listed.

REGULATION (EU) 2019/1021 on persistent organic pollutants (POP)
None of the ingredients is listed.

Regulation (EU) No 649/2012
None of the ingredients is listed.

DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment – Annex II
None of the ingredients is listed.

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REGULATION (EU) 2019/1148

Annex I - RESTRICTED EXPLOSIVES PRECURSORS (Upper limit value for the purpose of licensing under Article 5(3))
None of the ingredients is listed.

Annex II - REPORTABLE EXPLOSIVES PRECURSORS
None of the ingredients is listed.

Regulation (EC) No 273/2004 on drug precursors
None of the ingredients is listed.

Regulation (EC) No 111/2005 laying down rules for the monitoring of trade between the Community and third countries in drug precursors
None of the ingredients is listed.

REGULATION (EU) 2024/590 on substances that deplete the ozone layer
None of the ingredients is listed.

15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.
This Safety Data Sheets is in compliance with Regulation (EC) No 1907/2006, Article 31 as amended by Regulation (EU) 2020/878.

Relevant phrases
The following list of relevant hazard statements is the full text of hazard statements mentioned elsewhere in this safety data sheet (in particular in the section 3) and is reported as required by the Regulation (EC) No 1907/2006 (REACH), Annex II, and the following amendments (Regulation (EU) 2020/878). The statements mentioned here do not refer to the product itself, but refer to the individual ingredients in the products, and are provided for information.
H302 Harmful if swallowed.
H314 Causes severe skin burns and eye damage.
H317 May cause an allergic skin reaction.
H318 Causes serious eye damage.
H335 May cause respiratory irritation.
H400 Very toxic to aquatic life.
H412 Harmful to aquatic life with long lasting effects.

Department issuing SDS: QEHS
Contact:
+358-(0)10-44 22 00
DL-productsafety.fi@saint-gobain.com
Abbreviations and acronyms:
ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)
IMDG: International Maritime Code for Dangerous Goods
IATA: International Air Transport Association
IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)
ICAO: International Civil Aviation Organisation
GHS: Globally Harmonised System of Classification and Labelling of Chemicals

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EINECS: European Inventory of Existing Commercial Chemical Substances
ELINCS: European List of Notified Chemical Substances
CAS: Chemical Abstracts Service (division of the American Chemical Society)
DNEL: Derived No-Effect Level (REACH)
PNEC: Predicted No-Effect Concentration (REACH)
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent
PBT: Persistent, Bioaccumulative and Toxic
SVHC: Substances of Very High Concern (REACH regulation)
vPvB: very Persistent and very Bioaccumulative
Acute Tox. 4: Acute toxicity – Category 4
Skin Corr. 1C: Skin corrosion/irritation – Category 1C
Eye Dam. 1: Serious eye damage/eye irritation – Category 1
Skin Sens. 1: Skin sensitisation – Category 1
Skin Sens. 1B: Skin sensitisation – Category 1B
STOT SE 3: Specific target organ toxicity (single exposure) – Category 3
Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1
Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3