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

1.1 Product identifiers

Commercial product name: Conofix pint
Identification of the substance or mixture

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

Relevant identified uses: SU 20 health care, sealing of plaster dies, wax sealing: dental field – (dental labs).
Uses advised against: Should not be used outside a dental lab.

1.3 Details of the supplier of the safety data sheet

Manufacturer/Supplier: SILADENT Dr. Böhme & Schöps GmbH
Street / mailbox: Im Klei 26
Country code. / postal code / city: D - 38644 Goslar
Phone: Tel.: +49 (0) 53 21 / 37 79 – 0
Fax: Fax: +49 (0) 53 21 / 38 96 32
E-mail / Website: info@siladent.de - www.siladent.de

1.4 Further information obtainable from:

SILADENT Dr. Böhme & Schöps GmbH: +49 (0) 53 21 / 37 79 - 0 (Mon-Fri. 8 a.m. – 4 p.m.)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to regulation (EC) no. 1272/2008 (CLP)

Flammable liquids (chapter 2.6), category 2 (Flam. Liq. 2), H225,
Eye irritation (chapter 3.3), category 2 (Eye Irrit. 2), H319,
Specific target Organ Systemic Toxicity (single exposure), (chapter 3.8), category 3, (May cause drowsiness or dizziness) (STOT SE 3) H336
For the full text of the H-statements mentioned in this section, see section 16.

2.2 Label elements:

Labelling according to Regulation (EC) No. 1272/2008 (CLP/GHS)

Hazard pictograms: GHS02, GHS07



Signal word:

Danger (Flam.Liq. 2), Warning (Skin Irrit. 2)

Reduced labelling (≤125 ml) (according to exemptions from the packaging and labelling regulations according to EC-CLP-regulation)

Signal word:

danger

Hazard pictograms:



Hazardous component(s) for labelling:

Contains Ethylacetate

Hazard statements:

H225 Highly flammable liquid and vapour.
H319 Causes serious eye irritation.
H336 May cause drowsiness or dizziness

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Precautionary statements:

P102: Keep out of reach of children.
P210: Keep away from heat/sparks/open flames/hot surfaces. — No smoking.
P233: Keep container tightly closed.
P305+P351+P338: If in eyes, Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Supplemental Hazard information (EU):

EUH066: Repeated exposure may cause skin dryness or cracking.
Full text of H- and EUH-phrases: see SECTION 16

2.3 Other hazards: No supplementary information available.

SECTION 3: Composition/information on ingredients

3.1 Substances

Principal component of the substance:

Substance name: Ethylacetate
Index-no.: 607-022-00-5
EG-no.: 205-500-4
CAS-no.: 141-78-6
Harzard pictograms: GHS02, GHS07



Signal word: Danger (Flam.Liq. 2), Warning (Skin Irrit. 2)

Classification according to regulation (EC) no. 1272/2008 (CLP)
Flammable liquids (chapter 2.6), category 2 (Flam. Liq. 2), H225,
Eye irritation (chapter 3.3), category 2 (Eye Irrit. 2), H319,
Specific target Organ Systemic Toxicity (single exposure), (chapter 3.8), category 3, (May cause drowsiness or dizziness) (STOT SE 3) H336
For the full text of the H-statements mentioned in this section, see section 16.

Chemical Identifier (concentration)

This substance does not meet the PBT or vPvB criteria according to the regulation (EC) no. 1907/2006, annex XIII.

CAS-No.: 141-78-6
EC-No.: 205-500-4
Registration no: 01-2119475103-46-XXXX
Impurities, stabilizers:
Substance name: solution of auxiliary additives, bonding agents and pigments
Index-no.: not applicable
EC-no.: not applicable
CAS-no.: not applicable

3.2 Mixtures – not applicable

Description of the mixture:

EG-no.: CAS-no. : Index-No.: REACH-registration no.:

Content ration: %

Classification according to regulation (EC) no. 1272/2008 (CLP)
(Full text of H- and EUH-phrases: see SECTION 16)

SECTION 4: First aid measures

4.1 Description of first aid measures:

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After inhalation:	In case of dizziness after inhalation of vapours, take the person concerned to fresh air.
After skin contact:	Wash affected skin thoroughly with water and soap.
After eye contact:	Rinse eyes with current water for at least 10 minutes. If eye irritation persists consult a doctor.
After swallowing:	Rinse mouth. If discomfort persist consult a doctor.
4.2 Most important symptoms and effects, both acute and delayed:	Irritant effects, drowsiness, nausea, vomiting, headache, doziness.
4.3 Indication of any immediate medical attention and special treatment needed:	Notes for the doctor: not determined Special treatment: not determined

SECTION 5: Firefighting measures

5.1 Extinguishing agents	
Suitable extinguishing agents:	Dry powder, foam, sand
Unsuitable extinguishing agents for safety reasons:	Water.
5.2 Special hazards caused by the material, its products of combustion or flue gases:	Flammable. An incomplete combustion may result in toxic components within the flue gas. In case of fire a respiratory equipment working independently from its ambient environment is recommended for the fire fighters.
5.3 Advice for fire-fighters:	In case of fire a respiratory equipment working independently from its ambient environment is recommended for the fire fighters.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency measures:	
For non-emergency personnel:	Remove all sources of ignition immediately. Ensure good ventilation. Do not inhale fume or spray.
For emergency responders:	Personal protective equipment: Respiratory equipment working independently from its ambient environment.
6.2 Environmental measures:	Prevent the liquids to ingress into surface water or drains.
6.3 Methods and material for containment and cleaning up:	Wear safety equipment, absorb with liquid binding material (sand, universal binding material) and dispose of as hazardous material.
6.4 Reference to other sections:	Dangerous combustion products: see section 5. Personal protective equipment: see section 8.

SECTION 7: Handling and storage

7.1 Precautions for safe handling:	No particular measures are necessary when used properly.
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Fire preventions:	Provide adequate ventilation. Keep away from sources of ignition – don't smoke!
Aerosol and dust generation preventions:	Not determined.
Environmental precautions:	Prevent the liquids to ingress into surface water or drains.
Advice on general occupational hygiene:	Follow the advice on general occupational hygiene, when dealing with chemicals, keep away from food, don't smoke.

7.2 Conditions for safe storage, including any incompatibilities

Storage conditions:	Store under 30°C, tightly closed. Keep away from food.
Requirements for storage rooms and vessels:	According to TRGS 510, annex 9, regulation for small quantities
Storage class:	(LGK) (VCI) 3

7.3 Specific end use(s):

Sector specific guidelines:	dental laboratories
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Except for the applications mentioned in section 1.2 there are no other specific end applications provided.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational exposure limit values:	CAS-no. 141-78-6
Substance: Ethylacetate	TRGS 900 exposure limits
Specification:	400 ml/m ³
Limit value type (country of origin):	Exceedance factor (ÜF) 2, category for short term values II
Peak limitation:	A risk of foetal damage is ceased to fear when observing the MAK / BAT values.
Toxic to reproduction:	Not determined
Source (TRGS):	

8.2 Exposure controls

Appropriate engineering controls
Personal protective equipment
Eye / face protection:
Wear tight fitting goggles



Skin protection

Hand protection:
The glove material has to be impermeable and resistant to the product.

Full contact:
Gloves made of butyl rubber.
Layer thickness: ≥ 0,7 mm
Penetration time: ≥ 60 min

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Splash contact:
Gloves made of nitrile rubber
Layer thickness: 0,40 mm
Penetration time: < 120 min.

Body protection:

Wear adequate working clothes.

Respiratory protection:

Generally there are no specific measures to be taken. In case of release of a more important quantity (drained off bottle) provide for sufficient ventilation.

Thermal hazards:

Not applicable if not stored over 45°C for a longer space of time.

Environmental exposure controls:

Environmental exposure controls

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state:	liquid
Aggregate state:	liquid
Colour:	light blue
Odour:	specific according to product
Odour threshold :	0,1 - 181,5 ppm
pH-value:	not determined
Melting point / freezing point:	-83°C
Initial boiling point/boiling range:	75-77°C
Flash point:	-4°C
Evaporation rate:	not determined
Flammability:	not determined
Upper/lower explosive limits:	11,5 %(V) - 2,1 %(V)
Vapour pressure:	not determined
Vapour density:	not determined
Relative density:	not determined
Solubility:	79 g/l
Partition coefficient:	not determined
n-octanol/water:	not determined
Auto-ignition temperature:	not determined
Decomposition temperature:	not determined
Viscosity:	not determined
Explosive properties:	considered as being non-explosive
Oxidising properties:	not determined

9.2 Other information:

Physical hazards

Explosives:

There are no further data available

SECTION 10: Stability and reactivity

10.1 Reactivity:

Not determined.

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10.2 Chemical stability:	Under standard ambient conditions the material is chemically stable.
10.3 Possibility of hazardous reactions:	Contact with strongly oxidizing agents.
10.4 Conditions to avoid:	Storing for a longer space of time over 45°C.
10.5 Incompatible materials:	Oxidizing agents.
10.6 Hazardous decomposition products:	Not applicable.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity:	Oral LD ₅₀ 7060 mg/kg (Rat) (TOXNET) Inhalative LC ₅₀ /4 h 95,6 mg/l (Rat) (IUCLID)
Skin irritation:	Absorbtion of acute toxics exclusively through skin contact is considered as being quite unlikely. Repeated or prolonged exposure may cause skin irritation and dermatitis due to degreasing properties of the product (EUH066)
Eye irritation:	Result rabbit: weak eye irritation effect OECD test guideline 405 May cause serious eye irritation (H319)
Sensitisation to the respiratory tract / skin:	After inhalation: slight irritation.
Germ cell mutagenicity:	No known significant effects or critical hazards.
Carcinogenicity:	No known significant effects or critical hazards.
Reproductive toxicity:	No known significant effects or critical hazards.
Specific target organ toxicity (single exposure):	Dizziness and sleepiness possible.
Specific target organ toxicity (repeated exposure):	The substance is not classified on organ toxicity on repeated exposure (see single exposure).
Aspiration hazard	No information available.
Symptoms related to the physical, chemical and toxicological characteristics:	In case of ingestion: no information available. In case of skin contact: frequent contact: dryness. In case of inhalation: no information available. In case of eye contact: no information available.

SECTION 12: Ecological information

12.1 Toxicity:	
Aquatic toxicity / fish toxicity:	LC ₅₀ 8140 mg/l/96 h (Leuciscus idus (Goldorfe)) (IUCLID)
Daphnia toxicity:	EC50 >9000 - <15000 mg/l/48 h (Daphnia magna) (IUCLID)
Algal toxicity:	IC5 5000 mg/l (Scenedesmus quadricauda) (Lit.)
Bacterial toxicity:	EC5 6500 mg/l (Pseudomonas putida) (IUCLID) 16h

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- 12.2 Persistence and degradability:** Biodegradability 94 %
OECD test guideline 301E
Easily biodegradable.
- 12.3 Bioaccumulative potential:** Bioaccumulation is not to be expected.
- 12.4 Mobility in soil:** No information available.
- 12.5 Results of PBT assessment:** Not applicable.
- 12.6 Other adverse effects:** No further relevant information available.

SECTION 13: Disposal considerations

- 13.1 Waste treatment methods**
- Contaminated packaging disposal:** Containers are to be treated as the product itself. 150110 (AVV)
- Waste codes / waste designations according to EWC / AVV:** 160506 (AVV)
The product is to be considered as special waste and has to be disposed of according to the national and regional regulations (varnishes).
- Special precautions:** not applicable
- Other relevant provisions for waste treatment national or EC:** Waste directive 2008/98/EC has to be observed.

SECTION 14: Transport information

- 14.1 UN number:** 1173
- 14.2 UN proper shipping name**
ADR/RID: Ethylacetate
IMDG / ICAO-TI / IATA-DGR: Ethylacetate
- 14.3 Transport hazard class(es):** 3
- 14.4 Packing group:** II
- 14.5 Environmental hazards**
Environmentally hazardous substance marking
ADR/RID / IMDG-Code / ICAO-TI / IATA-DGR: 0 yes / XXXXX no
Marine Pollutant: 0 yes / XXX no slightly hazardous to waters
EMS-Code: F-E,S-D
- 14.6 Special precautions for user:** Do not expose to sources of ignition. Beware of inflammable materials.
- 14.7 Transport in bulk according to Annex II of MARPOL and the IBC Code:**
Pollution category (X, Y or Z) : not applicable, package size: 20 ml
Type of ship (1, 2 or 3) : not applicable, package size: 20 ml

SECTION 15: Regulatory information

- 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
EU legislations, e.g.:
Directive / EC no. 2037/2000 (substances that deplete the ozone layer): not applicable

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Directive / EC no. 850/2004 (persistent organic pollutants): not applicable
Directive / EC no. 689/2008 (export and import of dangerous chemicals): not applicable
Directive / EC no. 648/2004 (detergent regulation): not applicable

National regulations, e.g.:

Water hazard class: 1

Technical instructions on Air Quality Control (TA-Luft):

not applicable

Other relevant regulations:

Not applicable

15.2 Chemical Safety Assessment

No chemical safety assessment has been performed on this substance.

SECTION 16: Other information

Indication of changes:

Adaption to the classification and labelling according to directive (EC) no. 1272/2008
Section 1: Emergency phone number.

Abbreviations and acronyms:

n.a.

Not applicable

Key literature references and sources for data:

Gestis substance data base - <http://gestis.itrust.de/>
Federal Agency for Industrial Health and Safety – www.baua.de

Classification for mixtures and used evaluation method according to regulation (EC) 1207/2008 [CLP]:

Relevant R-, H- and EUH-phrases (number and full text):

Hazard statements:

H225: Highly flammable liquid and vapour.
H319: Causes serious eye irritation.
H336: May cause drowsiness and dizziness

Precautionary statements:

P210: Keep away from heat/sparks/open flames/hot surfaces. — No smoking.
P233: Keep container tightly closed.
P102: Keep out of reach of children.
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Supplemental Hazard information (EU):

EUH066: Repeated exposure may cause skin dryness or cracking.

Training advice:

Provide adequate information, instruction and training for operators / technicians using this product.

Further information

This information is based on our present state of knowledge. It should therefore not be construed as guaranteeing specific properties of the products described or their suitability for a particular application. We do not take any responsibility for possible sources of errors or sufficiency of this document. The user of the product accepts the sole responsibility to adhere to all herein mentioned regulations. It is the user's obligation to read this document carefully.