

according to Regulation (EC) No. 1907/2006 (REACH)

according to Regulation (EU) No 453/2010

Date of issue: 03.07.2015

Version 3

Printing date: 01.03.2019

Conofix pint

1. Identification of the substance / Preparation and Company:

- 1.1 Product identifiers
 Commercial product name: Conofix pint
 Identification of the substance or mixture: Die spacer
- 1.2 Relevant identified uses of the substance or mixture and uses advised against
- 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.)

2. Hazards Identification:

- 2.1 Classification of the substance or mixture
 Classification according to Regulation (EC) No 1272/2008 [CLP]: The mixture is classified as hazardous material according to Regulation (EC) No. 1272/2008 [CLP].
- 2.2

Flam. Liq. 2 / H225	Flammable liquids	Highly flammable liquid and vapour.
Eye Irrit. 2 / H319	Serious eye damage/eye irritation	Causes serious eye irritation.
STOT SE 3 / H336	Specific target organ toxicity - (single exposure)	May cause drowsiness and dizziness.

Labelling elements:

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

Hazard pictograms:



Danger

Hazard statements:

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

Precautionary statements:

- | | |
|--------------------|--|
| P210 | Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. |
| P243 | Keep only in original container. |
| P261 | Avoid breathing dust/fumes/gas/mist/vapours/spray. |
| P264 | Wash hands thoroughly after handling. |
| P271 | Use only outdoors or in a well-ventilated area. |
| P280 | Wear protective gloves/protective clothing/eye protection/face protection. |
| P303 + P361 + P353 | IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ shower. |
| P304 + P340 | IF INHALED: Remove person to fresh air and keep comfortable for breathing. |
| P305 + P351 + P338 | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing. |
| P312 | Call a POISON CENTER or doctor if you feel unwell. |
| P337 + P313 | If eye irritation persists get medical advice/attention. |
| P403 + P233 | Store in a well ventilated place. Keep container tightly closed. |
| P403 + P235 | Store in a well ventilated place. Keep cool. |
| P405 | Store locked up. |
| P501 | Dispose of contents/container at in industrial incineration plant. |
- Contains: Ethyl acetate

EU-hazard characteristics:

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EUH066 Repeated exposure may cause skin dryness or cracking

2.3 Other hazards: -

3. Composition / Information on Ingredients:

3.2 Mixtures

Product description / chemical characterisation

Description: Solvent / dilution

Hazardous ingredients

Classification according to Regulation (EC) No. 1272/2008 [CLP]

EG-No. CAS-No. INDEX-No.	REACH No. Chemical name Classification:	% remark
205-500-4 141-78-6 607-022-00-5	Ethyl acetate Flam. Liq. 2 H225 / Eye Irrit. 2 H319 / STOT SE 3 H336	25 - 50
200-662-2 67-64-1 606-001-00-8	01-2119471330-49 Acetone Flam. Liq. 2 H225 / Eye Irrit. 2 H319 / STOT SE 3 H336	20 - 25
200-661-7 67-63-0 603-117-00-0	01-2119457558-25 propan-2-ol Flam. Liq. 2 H225 / Eye Irrit. 2 H319 / STOT SE 3 H336	12,5 - 20
203-603-9 108-65-6 607-195-00-7	01-2119475791-29 2-methoxy-1-methylethyl acetate Flam. Liq. 3 H226	10 - 12,5
265-199-0 64742-95-6 649-356-00-4	01-2119455851-35 Solvent naphtha (petroleum), light arom. Flam. Liq. 3 H226 / Asp. Tox. 1 H304 / STOT SE 3 H335 / STOT SE 3 H336 / Aquatic Chronic 2 H411	1 - 2,5

Additional remarks:

Substance with a common (EC) occupational exposure limit value.

Full text of the classifications: see section 16.

4. First aid measures:

4.1 General information:

In all cases of doubt, or when symptoms persist, seek medical advice. In case of unconsciousness give nothing by mouth, place in recovery position and seek medical advice.

After inhalation:

Remove casualty to fresh air and keep warm and at rest. In case of irregular breathing or respiratory arrest provide artificial respiration.

After skin contact:

Remove contaminated, saturated clothing immediately. After contact with skin, wash immediately with plenty of water and soap. Do not use solvents or thinners.

After eye contact:

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Seek medical advice immediately.

After swallowing:

If swallowed, rinse mouth with water (only if the person is conscious). Seek medical advice immediately. Keep victim calm.

Do NOT induce vomiting.

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

In all cases of doubt, or when symptoms persist, seek medical advice.

4.3 Indication of any immediate medical attention and special treatment needed:

-

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5. Fire Fighting measures:

- 5.1 Extinguishing agents
 Suitable extinguishing agents: Foam (alcohol-resistant), carbon dioxide, powder, spray mist (water).
 Unsuitable extinguishing agents for safety reasons: Strong water jet.
- 5.2 Special hazards caused by the material, its products of combustion or flue gases: Dense black smoke occurs during fire. Inhaling hazardous decomposing products can cause serious health damage.
- 5.3 Advice for fire-fighters: Provide a conveniently located respiratory protective device. Cool closed containers that are near the source of the fire. Do not allow water used to extinguish fire to enter drains, ground or waterways. Treat runoff as hazardous.

6. Accidental release measures:

- 6.1 Personal precautions, protective equipment and emergency measures: Keep away from sources of ignition. Ventilate affected area. Do not breathe vapours.
- 6.2 Environmental measures: Do not allow to enter into surface water or drains. If the product contaminates lakes, rivers or sewages, inform competent authorities in accordance with local regulations.
- 6.3 Methods and material for containment and cleaning up: Isolate leaked material using non-flammable absorption agent (e.g. sand, earth, vermiculite, diatomaceous earth) and collect it for disposal in appropriate containers in accordance with the local regulations (see chapter 13). Clean using cleansing agents. Do not use solvents.
- 6.4 Reference to other sections: Observe protective provisions (see chapter 7 and 8).

7. Handling and Storage:

- 7.1 Handling:
 Information for safe handling:
 Avoid formation of flammable and explosive vapour concentrations in the air and exceeding the exposure limit values. Only use the material in places where open light, fire and other flammable sources can be kept away. Electrical equipment must be protected meeting the accepted standard. Product may become electrostatically charged. Provide earthing of containers, equipment, pumps and ventilation facilities. Anti-static clothing including shoes are recommended. Floors must be electrically conductive. Keep away from heat sources, sparks and open flames. Use only spark proof tools. Avoid contact with skin, eyes and clothes. Do not inhale dusts, particulates and spray mist when using this preparation. Avoid respiration of swarf. When using do not eat, drink or smoke. Personal protection equipment: refer to chapter 8. Do not empty containers with pressure - no pressure vessel! Always keep in containers that correspond to the material of the original container. Follow the legal protection and safety regulations.
 Information about fire- and explosion protection:
- 7.2 **Conditions for safe storage, including any incompatibilities**
 Requirements to be met by storerooms and containers: Storage in accordance with the Ordinance on Industrial Safety and Health (BetrSiVO). Keep container tightly closed. Do not empty containers with pressure - no pressure vessel! Smoking is forbidden. Access only for authorised persons. Store carefully closed containers upright to prevent any leaks. Soils have to conform to the "Guidelines for avoidance of ignition hazards due to electrostatic charges (BGR 132)".
 Information about storing in one common storage facility: Keep away from strongly acidic and alkaline materials as well as oxidizers.
 Further information about storage conditions: Take care of instructions on label. Store in a well-ventilated and dry room at temperatures between 15 °C and 30 °C. Protect from heat and direct sunlight. Keep container tightly closed. Remove all sources of ignition. Smoking is forbidden. Access only for authorised persons. Store carefully closed

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7.3 Specific end use(s): containers upright to prevent any leaks.
Observe technical data sheet. Observe instructions for use.

8. Exposure controls / Personal protection:

8.1 Control parameters

Occupational exposure limit values:

ethyl acetate

INDEX No. 607-022-00-5 / EC No. 205-500-4 / CAS No. 141-78-6

TWA: 200 ppm

STEL: 400 ppm

acetone

INDEX No. 606-001-00-8 / EC No. 200-662-2 / CAS No. 67-64-1

TWA: 1810 mg/m³; 500 ppm

STEL: 3620 mg/m³; 1500 ppm

2-methoxy-1-methylethyl acetate

INDEX No. 607-195-00-7 / EC No. 203-603-9 / CAS No. 108-65-6

TWA: 274 mg/m³; 50 ppm

STEL: 548 mg/m³; 100 ppm

propan-2-ol

INDEX No. 603-117-00-0 / EC No. 200-661-7 / CAS No. 67-63-0

TWA: 999 mg/m³; 400 ppm

STEL: 1250 mg/m³; 500 ppm

Additional information:

TWA : long-term occupational exposure limit value

STEL : short-term occupational exposure limit value

Ceiling : peak limitation

8.2

Provide good ventilation. This can be achieved with local or room suction. If this should not be sufficient to keep aerosol and solvent vapour concentration below the exposure limit values, a suitable respiratory protection must be used.

Occupational exposure controls:

Respiratory protection:

If concentration of solvents is beyond the occupational exposure limit values, approved and suitable respiratory protection must be used. Observe the wear time limits according GefStoffV in combination with the rules for using respiratory protection apparatus (BGR 190). Use only respiratory protection equipment with CE-symbol including four digit test number.

Hand protection:

For prolonged or repeated handling the following glove material must be used: NBR (Nitrile rubber)
Thickness of the glove material > 0,4 mm ; Breakthrough time (maximum wearing time) > 480 min.
Unsuitable material: NR (natural rubber, natural latex)
Observe the instructions and details for use, storage, maintenance and replacement provided by the protective glove manufacturer. Penetration time of glove material depending on intensity and duration of exposure to skin. Recommended glove articles DIN EN 374.

Eye protection:

Wear closely fitting protective glasses in case of splashes.

Protective clothing:

Wear antistatic clothing of natural fibres (cotton) or heat resistant synthetic fibres.

Protective measures:

After contact clean skin thoroughly with water and soap or use appropriate cleanser.

Environmental exposure controls:

Do not allow to enter into surface water or drains. See chapter 7. No additional measures necessary.

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Conofix pint**9. Physical and chemical properties:**

9.1 Information on basic physical and chemical properties

Appearance:

Physical state: liquid

Colour: blue

Odour: characteristic

Safety relevant basis data

Flash point: -18 °C

Ignition temperature in °C: 315 °C

Lower explosion limit: 0,8 Vol-%

Upper explosion limit: 12,8 Vol-%

Vapour pressure at 20 °C: 70,17 mbar

Density at 20 °C: 1,00 g/cm³

Water solubility (g/L): partially soluble

pH at 20 °C: 20 s 4 mm

Viscosity at 20 °C: < 3 %

Solvent separation test (%): 13,44 Wt %

Solid content (%):

solvent content:

Organic solvents: 87 Wt %

Water: 0 Wt %

9.2 Other information: -

Method**Remark**DIN 53211
ADR/RID**10. Stability and Reactivity:**

10.1 Reactivity: -

10.2 Chemical stability:

Stable when applying the recommended regulations for storage and handling. Further information on correct storage: refer to chapter 7.

10.3 Possibility of hazardous reactions:

Keep away from strong acids, strong bases and strong oxidizing agents to avoid exothermic reactions.

10.4 Conditions to avoid:

Hazardous decomposition by products may form with exposure to high temperatures.

10.5 Incompatible materials: -

10.6 Hazardous decomposition products:

Hazardous decomposition by products may form with exposure to high temperatures, e.g.: carbon dioxide, carbon monoxide, smoke, nitrogen oxides.

11. Toxicological Information:

Classification according to Regulation (EC) No. 1272/2008 [CLP]

No data on preparation itself available.

11.1 **Information on toxicological effects**

Acute toxicity: Toxicological data are not available.

Skin corrosion/irritation; Serious eye damage/eye irritation: Toxicological data are not available.

Respiratory or skin sensitisation: Toxicological data are not available.

Specific target organ toxicity: Toxicological data are not available.

11.3 Aspiration hazard: Toxicological data are not available.

Practical experience/human evidence

Other observations:

Inhaling of solvent components above the MWC-value can lead to health damage, e.g. irritation of the mucous membrane and respiratory organs, as well as damage to the liver, kidneys and the central nerve system. Indications for this are: headache, dizziness, fatigue, amyosthenia, drowsiness, in serious cases: unconsciousness. Solvents may cause some of the aforementioned effects through skin resorption. Repeated or prolonged contact with the preparation may cause removal of natural fat from the skin resulting in non-allergic contact dermatitis and/or absorption through skin. Splashing may cause eye irritation and reversible damage.

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Overall Assessment on CMR properties: The ingredients in this mixture do not meet the criteria for classification as CMR category 1A or 1B according to CLP.
 Remark: There is no information available on the preparation itself.

12. Ecological Information:

Overall evaluation: There is no information available on the preparation itself.
 Classification according to Regulation (EC) No. 1272/2008 [CLP] Do not allow to enter into surface water or drains.
 12.1 Toxicity: Toxicological data are not available.
 12.2 Persistence and degradability: Toxicological data are not available.
 12.3 Bioaccumulative potential: Toxicological data are not available.
 12.4 Mobility in soil: Toxicological data are not available.
 12.5 Results of PBT assessment: The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.
 12.6 Other adverse effects: -

13. Disposal Considerations:

13.1 Waste treatment methods
 Appropriate disposal / Product Recommendation: Do not allow to enter into surface water or drains. This material and its container must be disposed of in a safe way. Waste disposal according to directive 2008/98/EC, covering waste and dangerous waste.
 List of proposed waste codes/waste designations in accordance with EWC
 08 01 11 | waste paint and varnish containing organic solvents or other dangerous substances
 Packaging – Non-contaminated packages may be recycled. Vessels not properly emptied are special waste.
 Recommendation:

14. Transport Information:

14.1 UN number: 1263
 14.2 UN proper shipping name
 Land transport (ADR/RID): FARBZUBEHÖRSTOFFE
 Sea transport (IMDG): PAINT RELATED MATERIAL
 Air transport (ICAO-TI / IATA-DGR): Paint related material
 14.3 Transport hazard class(es): 3
 14.4 Packing group: II
 14.5 Environmental hazards
 Land transport (ADR/RID): n.a.
 Marine pollutant: n.a.
 14.6 Special precautions for user: Transport always in closed, upright and safe containers. Make sure that persons transporting the product know what to do in case of an accident or leakage. Advices on safe handling: see parts 6 - 8.
 Additional information:
 Land transport (ADR/RID)
 Tunnel restriction code: D/E
 Sea transport (IMDG)
 EmS-No. F-E, S-E
 14.7 Transport in bulk according to Annex II of MARPOL and the IBC Code: Not applicable.

15. Regulatory Information:

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
 EU legislation
 Information according to 1999/13/EC about limitation of emissions of volatile organic compounds (VOC-guideline).

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VOC-value (in g/L) ISO 11890-2: 774

VOC-value (in g/L) ASTM D 2369: 774

National regulations

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

Other regulations, restrictions and prohibition regulations

15.2 Chemical Safety Assessment

For the following substances of this preparation a chemical safety assessment has been carried out:

EC No. CAS No.	Chemical name	REACH No.
200-662-2 67-64-1	acetone	01-2119471330-49
203-603-9 108-65-6	2-methoxy-1-methylethyl acetate	01-2119475791-29
200-661-7 67-63-0	propan-2-ol	01-2119457558-25
265-199-0 64742-95-6	naphtha (petroleum), light arom.	01-2119455851-35

16. Further Information:

Full text of classification in section 3:

Flam. Liq. 2 / H225	flammable liquids	Highly flammable liquid and vapour.
Eye Irrit. 2 / H319	Serious eye damage/eye irritation	Causes serious eye irritation.
STOT SE 3 / H336	Specific target organ toxicity (single exposure)	May cause drowsiness or dizziness.
Flam. Liq. 3 / H226	flammable liquids	Flammable liquid and vapour.
Asp. Tox. 1 / H304	Aspiration hazard	May be fatal if swallowed and enters airways.
STOT SE 3 / H335	Specific target organ toxicity (single exposure)	May cause respiratory irritation.
Aquatic Chronic 2 / H411	Hazardous to the aquatic environment	Toxic to aquatic life with long lasting effects.

Abbreviations and acronyms: For abbreviations and acronyms, see: ECHA Guidance on information requirements and chemical safety assessment, chapter R.20 (Table of terms and abbreviations).

Additional information: Classification according to Regulation (EC) No. 1272/2008 [CLP]

The information supplied on this safety data sheet complies with our current level of knowledge as well as with national and EU regulations. Without written approval, the product must not be used for purposes different from those mentioned in chapter 1. It is always the user's duty to take any necessary measures for meeting the requirements laid down by local rules and regulations. The details in this safety data sheet describe the safety requirements of our product and are not to be regarded as guaranteed attributes of the product.