

**Safety data sheet**  
according to 1907/2006/EC, Article 31

Printing Date: 03.06.2019

Version Number: 1.0

Revision Date: 03.06.2019

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

### 1.1 Product identifier:

Trade name: PREPRUFE® SCI

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

Relevant identified uses of the substance or mixture: Waterproofing.

Identified uses advised against: No further relevant information available.

### 1.3 Details of the supplier of the safety data sheet:

#### Manufacturer/supplier:

GCP Applied Technologies (UK) Limited  
580-581 Ipswich Road,  
Slough, Berkshire  
SL1 4EQ

Tel: +44 (0)1753 490 000

Fax: +44 (0)1753 490 001

[www.gcpat.com](http://www.gcpat.com)

Further information obtainable from: [msds.gcp@gcpat.com](mailto:msds.gcp@gcpat.com)

### 1.4 Emergency telephone number:

Poison Center (Bispebjerg Hospital): +45 - 82 12 12 12

## SECTION 2: Hazards identification

### 2.1 Classification of the substance or mixture:

#### Classification according to Regulation (EC) No 1272/2008

Flam. Liq. 3 H226 Flammable liquid and vapour.

Acute Tox. 4 H312 Harmful in contact with skin.

Acute Tox. 4 H332 Harmful if inhaled.

Skin Irrit. 2 H315 Causes skin irritation.

### 2.2 Label elements:

#### Labelling according to Regulation (EC) No 1272/2008

The product is classified and labelled according to the CLP regulation.

#### Hazard pictograms



GHS02 GHS07

Signal word Warning

#### Hazard-determining components of labelling:

Xylene

#### Hazard statements

H226 Flammable liquid and vapour.

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H312+H332 Harmful in contact with skin or if inhaled.

H315 Causes skin irritation.

**Precautionary statements**

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P233 Keep container tightly closed.

P261 Avoid breathing mist/vapours/spray.

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.

**Hazard description:** Flammable**2.3 Other hazards:** Restricted to professional users.**Results of PBT and vPvB assessment:****PBT:** Not applicable.**vPvB:** Not applicable.

### SECTION 3: Composition/information on ingredients

**3.2 Chemical characterization: Mixture:****Description:**

Mixture of substances listed below with non-hazardous additions.

For further information, please refer to the product technical data sheet.

**Dangerous components:**

CAS: 1330-20-7 EINECS: 215-535-7 Index number: 601-022-00-9 Reg.nr.: 01-2119488216-32-XXXX	Xylene Flam. Liq. 3, H226 Acute Tox. 4, H312; Acute Tox. 4, H332; Skin Irrit. 2, H315	50-<100%
CAS: 123-86-4 EINECS: 204-658-1 Index number: 607-025-00-1 Reg.nr.: 01-2119485493-29-XXXX	n-butyl acetate Flam. Liq. 3, H226 STOT SE 3, H336	5-<10%

### SECTION 4: First aid measures

**4.1 Description of first aid measures:****General information:** Get medical advice/attention if you feel unwell.**After inhalation:**

IF INHALED: Remove person to fresh air and keep comfortable for breathing.

IF INHALED: Call a doctor if you feel unwell.

**After skin contact:** Wash with plenty of soap and water.**After eye contact:** Rinse cautiously with water for several minutes.**After swallowing:**

Rinse mouth.

Do NOT induce vomiting.

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

If skin irritation occurs: Get medical advice/attention.

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

No further relevant information available.

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**SECTION 5: Firefighting measures****5.1 Extinguishing media:**

**Suitable extinguishing agents:** CO<sub>2</sub>, extinguishing powder or water spray. Fight larger fire with alcohol resistant foam.

**For safety reasons unsuitable extinguishing agents:** Water jet.

**5.2 Special hazards arising from the substance or mixture:** CO, CO<sub>2</sub>.

**5.3 Advice for firefighters:**

**Protective equipment:** Wear self-contained respiratory protective device.

**Additional information:** Collect contaminated fire fighting water separately. It must not enter the sewage system.

**SECTION 6: Accidental release measures****6.1 Personal precautions, protective equipment and emergency procedures:**

Ensure adequate ventilation.

Wear protective equipment. Keep unprotected persons away.

**6.2 Environmental precautions:** Inform respective authorities in case of seepage into water course or sewage system.

**6.3 Methods and material for containment and cleaning up:**

Send for recovery or disposal in suitable receptacles.

Dispose contaminated material as waste according to Section 13.

**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:**

Flammable mixtures with air can be formed in emptied containers. Do not puncture, cut, drill, heat or weld uncleaned drums.

Do not eat, drink or smoke when using this product.

Store in a well-ventilated place. Keep container tightly closed.

Keep only in original container.

Use only outdoors or in a well-ventilated area.

**Information about fire - and explosion protection:**

Keep ignition sources away - Do not smoke.

Protect against electrostatic charges.

Use explosion-proof apparatus / fittings and spark-proof tools.

Ensure good interior ventilation, especially at floor level. (Fumes are heavier than air).

Ground/bond container and receiving equipment.

**7.2 Conditions for safe storage, including any incompatibilities:****STORAGE****Further information about storage conditions:**

Keep container tightly sealed.

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Protect from frost.  
Store in a dry place.  
Keep cool.

**7.3 Specific end use(s):** No further relevant information available.**SECTION 8: Exposure controls/personal protection****Additional information about design of technical facilities:** No further data; see item 7.**8.1 Control parameters:****Ingredients with limit values that require monitoring at the workplace:****1330-20-7 Xylene**

WEL	Short-term value: 441 mg/m <sup>3</sup> , 100 ppm Long-term value: 220 mg/m <sup>3</sup> , 50 ppm Sk; BMGV	Danish OEL Long term value (8 h.): 109 mg/m <sup>3</sup> , 25 ppm EH - E: Substance with a EU-limit. H: Substance absorbs through skin.
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**123-86-4 n-butyl acetate**

WEL	Short-term value: 966 mg/m <sup>3</sup> , 200 ppm Long-term value: 724 mg/m <sup>3</sup> , 150 ppm	Danish OEL Long term value (8 h.): 710 mg/m <sup>3</sup> , 150 ppm
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**DNELs****123-86-4 n-butyl acetate**

Inhalative	DNEL acute systemic	859.7 mg/m <sup>3</sup> (general public) 960 mg/m <sup>3</sup> (workers)
	DNEL long term syst.	480 mg/m <sup>3</sup> 102.34 mg/m <sup>3</sup> (general public)

**PNECs****123-86-4 n-butyl acetate**

PNEC freshwater	0.18 mg/l
PNEC intermittent	0.36 mg/l
PNEC marine water	0.018 mg/l
PNEC sediment (FW)	0.981 mg/kg dw
PNEC sediment (MW)	0.0981 mg/kg dw
PNEC soil	0.0903 mg/kg
PNEC STP	35.6 mg/l

**Ingredients with biological limit values:****1330-20-7 Xylene**

BMGV	650 mmol/mol creatinine Medium: urine Sampling time: post shift Parameter: methyl hippuric acid
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**Additional information:** Based on the lists valid at the date of SDS creation.**8.2 Exposure controls:****PERSONAL PROTECTIVE EQUIPMENT****General protective and hygienic measures:**

The usual precautionary measures are to be adhered to when handling chemicals.

**Respiratory protection:**

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.

Control exposure to ingredients with workplace control parameters if mentioned above. If no ingredients are listed, respiratory protection is generally not required.

If exposure limits are listed and may be exceeded, use approved respiratory protective equipment and filter type appropriate for the listed ingredients. (NIOSH, CEN, etc.).

Filter A/P2.

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EN 143.

**Protection of hands:**

Protective gloves.  
EN 374.

**Material of gloves:**

Nitrile rubber, NBR  
Natural rubber, NR  
Chloroprene rubber, CR

**Penetration time of glove material:**

The exact breakthrough time has to be determined by the manufacturer of the protective gloves and has to be observed.

**Eye protection:**

Safety glasses with side shield protection.

EN 166.

**Body protection:**

Use personal protective equipment as required.

Take off contaminated clothing.

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties:

**GENERAL INFORMATION****Appearance:**

**Form:** Liquid.  
**Colour:** Amber.  
**Odour:** Characteristic.  
**Odour threshold:** Not determined.

**pH-value (~):** Not determined.

**Change in conditions:-**

**Melting point/freezing point:** Undetermined.  
**Initial boiling point and boiling range:** Not determined.  
**Flash point:** >23 °C

**Flammability (solid, gas):** Not applicable.

**Ignition temperature:** 500 °C

**Decomposition temperature:** Not determined.

**Auto-ignition temperature:** Not determined.

**Explosive properties:** In use, may form flammable/explosive vapour-air mixture.

**EXPLOSION LIMITS**

**Lower:** 0.9 Vol %  
**Upper:** 8 Vol %  
**VOC Content:** Not determined.

**Vapour pressure at 20 °C:** 6.7 hPa

**Density at 20 °C:** 0.9 g/cm<sup>3</sup>

**Vapour density:** Not determined.

**Evaporation rate:** Not determined.

**Solubility in/Miscibility with:-**

**Water:** Not miscible or difficult to mix.

**Partition coefficient: n-octanol/water:** Not determined.

**VISCOSITY**

**Dynamic:** Not determined.

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**Kinematic:** Not determined.

**SOLVENT CONTENT**

**VOC (EC):** 70.00 %  
**Molecular weight** Not applicable.

**9.2 Other information:** No further relevant information available.

## SECTION 10: Stability and reactivity

**10.1 Reactivity:**

Stable under normal conditions.  
No further relevant information available.

**10.2 Chemical stability:**

**Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.

**10.3 Possibility of hazardous reactions**

No dangerous reactions known.  
No further relevant information available.

**10.4 Conditions to avoid:**

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

**10.5 Incompatible materials:** No further relevant information available.

**10.6 Hazardous decomposition products:** Carbon monoxide and carbon dioxide.

## SECTION 11: Toxicological information

**11.1 Information on toxicological effects:****ACUTE TOXICITY**

Harmful in contact with skin or if inhaled.

**LD/LC50 values relevant for classification:****1330-20-7 Xylene**

Oral	LD50	3,523 mg/kg (rat)
Inhalative	LC50, 4h	26 mg/m <sup>3</sup> (rat)

**123-86-4 n-butyl acetate**

Oral	LD50	13,100 mg/kg (rat)
Dermal	LD50	>17,600 mg/kg (rabbit)
Inhalative	LC50, 4h	>21 mg/l (rat)

**Primary irritant effect****Skin corrosion/irritation**

Harmful in contact with skin.  
Causes skin irritation.

**Serious eye damage/irritation** Based on available data, the classification criteria are not met.

**Inhalation:** Harmful if inhaled.

**Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.

**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.

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

**SECTION 12: Ecological information****12.1 Toxicity:**

AQUATIC TOXICITY No further relevant information available.

**12.2 Persistence and degradability:** No further relevant information available.**12.3 Bioaccumulative potential:** No further relevant information available.**12.4 Mobility in soil:** No further relevant information available.**ADDITIONAL ECOLOGICAL INFORMATION****General notes:** Danger to drinking water if even small quantities leak into the ground.**12.5 Results of PBT and vPvB assessment:****PBT:** Not applicable.**vPvB:** Not applicable.**12.6 Other adverse effects:** No further relevant information available.**SECTION 13: Disposal considerations****13.1 Waste treatment methods:****Recommendation:**

Must not be disposed together with household garbage. Do not allow product to reach sewage system.

**European waste catalogue:**

08 00 00	WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS
08 04 00	wastes from MFSU of adhesives and sealants (including waterproofing products)
08 04 09*	waste adhesives and sealants containing organic solvents or other hazardous substances

Danish Waste group (Fortum): H

**UNCLEANED PACKAGING: Recommendation:** Disposal must be made according to official regulations.**SECTION 14: Transport information****14.1 UN-Number**

ADR, IMDG, IATA

UN1263

**14.2 UN proper shipping name**

ADR, IMDG, IATA

PAINT

**14.3 Transport hazard class(es)**

ADR, IMDG, IATA

Class  
Label3 Flammable liquids.  
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**14.4 Packing group**  
ADR, IMDG, IATA

III

**14.5 Environmental hazards:**

Not applicable.

**14.6 Special precautions for user:**

Danger code (Kemler):

Warning: Flammable liquids.

EMS Number:

30

F-E,S-E

**14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:**

Not Regulated

**Transport/Additional information:****ADR**

Limited quantities (LQ)

5L

Excepted quantities (EQ)

Code: E1

Maximum net quantity per inner packaging: 30 ml

Maximum net quantity per outer packaging: 1000 ml

Tunnel restriction code

D/E

**IMDG**

Limited quantities (LQ)

5L

**SECTION 15: Regulatory information****15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture:****National regulation:**

The product is not be used by young workers (under 18 years). See Order no.239 from 6th April 2005.

DIRECTIVE 92/85/EEC on the introduction of measures to encourage improvements in the safety and health at work of pregnant workers and workers who have recently given birth or are breastfeeding. Pregnant and breastfeeding workers (Working Authority Guidance A.1.8-5).

1993-codenummer (MAL-Code): 4-3. Working Authority Order no. 301 from 13th May 1993.

**Directive 2012/18/EU**

Named dangerous substances - ANNEX I None of the ingredients is listed.

Seveso category P5c FLAMMABLE LIQUIDS

Qualifying quantity (tonnes) for the application of lower-tier requirements 5,000 t

Qualifying quantity (tonnes) for the application of upper-tier requirements 50,000 t

**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.

**Relevant phrases:**

H226 Flammable liquid and vapour.

H312 Harmful in contact with skin.

H315 Causes skin irritation.

H332 Harmful if inhaled.

H336 May cause drowsiness or dizziness.

**Department issuing SDS:**

Product Stewardship Department

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