

PORADUR 2K HS Tectum TX

Date 5.9.2017

Previous date: 19.8.2014

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING**1.1 Product identifier**

1.1.1 Commercial Product Name
PORADUR 2K HS Tectum TX

1.2 Relevant identified uses of the substance or mixture and uses advised against**1.2.1 Recommended use**

Paint. For professional use.

1.3 Details of the supplier of the safety data sheet**1.3.1 Supplier**

PPT Dure Oy

Street address

Satamakatu 26

Postcode and post office

FI-24100 SALO

Finland

Telephone

+358 50 462 1542

Email

sales@pptdure.fi

1.4 Emergency telephone number**1.4.1 Telephone number, name and address**

Please contact the Emergency Centre in your own country.

2. HAZARDS IDENTIFICATION**2.1 Classification of the substance or mixture**

Classification according to 1999/45/EC: Flammable.

1272/2008 (CLP)

Flam. Liq. 3, H226

67/548/EEC - 1999/45/EC

R10

2.2 Label elements**1272/2008 (CLP)**

GHS02

Signal word

Warning**Hazard Statements**

H226

Flammable liquid and vapour.

Precautionary Statements

P102

Keep out of reach of children.

P210

Keep away from heat/sparks/open flames/hot surfaces. - No smoking.

P281

Use personal protective equipment as required.

P271

Use only outdoors or in a well-ventilated area.

2.3 Other hazards**3. COMPOSITION/INFORMATION ON INGREDIENTS****Hazardous components**

**CAS/EC and EINECS
Reg.number**

123-86-4

204-658-1

**Chemical name of the
substance**

Butyl acetate

**Concentration
Classification**

< 15 %

R10;R66;R67;
Flam. Liq. 3, H226; STOT SE
3, H336

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1330-20-7

215-535-7

Xylene

< 10 %

R10; Xn; R20/21; Xi; R38;
Flam. Liq. 3, H226; Acute
Tox. 4, H332 ;
Acute Tox. 4, H312 ; Skin
Irrit. 2, H315**4. FIRST AID MEASURES****4.1 Description of first aid measures**

Move the exposed person out from the contaminated area. Immediately take off contaminated clothing.

4.1.2 Inhalation

Move the exposed to fresh air. Seek medical advice if symptoms persist.

4.1.3 Skin contact

In case of contact, immediately flush skin with soap and plenty of water. Take off contaminated clothing. Seek medical advice if irritation persists.

4.1.4 Eye contact

Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Contact an ophthalmologist if irritation persists.

4.1.5 Ingestion

Flush mouth with water. Do not induce vomiting. Get medical aid immediately.

4.2 Most important symptoms and effects, both acute and delayed

No information available.

4.3 Indication of immediate medical attention and special treatment needed

IF exposed or if you feel unwell: Call a POISON CENTER or doctor/physician. If medical advice is needed, have product container or label at hand.

5. FIREFIGHTING MEASURES

Flammable liquid and vapour.

5.1 Extinguishing media**5.1.1 Suitable extinguishing media**

Carbon dioxide, dry chemical or foam.

5.2 Special hazards arising from the substance or mixture

Vapours may form explosive mixture with air when heated. Vapours are heavier than air and may be accumulated on floors and low areas. Vapours may be transported long distances and flash back in contact with sources of ignition, as sparks.

May liberate hazardous fumes or vapour in case of fire.

5.3 Advice for firefighters

Fire fighters have to wear a pressurized respirator and chemical protection suit.

6. ACCIDENTAL RELEASE MEASURES**6.1 Personal precautions, protective equipment and emergency procedures**

Remove all sources of ignition. Evacuate the area. Wear personal protective equipment. Ensure adequate ventilation. Avoid breathing vapours and mist. In the case of vapour formation use a respirator with an approved filter.

6.2 Environmental precautions

Prevent leakage into sewers, soil, and waters. May cause an explosion in sewers.

6.3 Methods and materials for containment and cleaning up

Absorb in appropriate material. Pick up in containers for waste treatment. Clean contaminated surfaces. Ventilate the area. Be aware of risk of ignition and explosion.

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6.4 Reference to other sections
4, 8, 13.**7. HANDLING AND STORAGE****7.1 Precautions for safe handling**

Prevent emissions of vapour and mists in air. Avoid inhalation of vapours and mist. Avoid contact with skin, eyes or clothing. Use personal protective equipment and local exhaust.

7.2 Conditions for safe storage, including any incompatibilities

Keep container tightly closed. Store in a dry place. Store in a well-ventilated place. Keep at temperatures below 50 °C.

7.3 Specific end use(s)**8. EXPOSURE CONTROLS/PERSONAL PROTECTION****8.1 Control parameters****8.1.1 Threshold limits**

123-86-4	Butyl acetate	150 ppm (8 h)	200 ppm (15 min)
		720 mg/m ³ (8 h)	960 mg/m ³ (15 min)
1330-20-7	Xylene	50 ppm (8 h)	100 ppm (15 min)
		220 mg/m ³ (8 h)	440 mg/m ³ (15 min)
		May be absorbed through skin	

8.1.2 Other information on limit values

The values above are Finnish OEL values.

8.1.4 DNELs

Butyl acetate: workers, systemic effects: long term exposure 480 mg/m³; short term exposure 960 mg/m³

local effects, long term exposure 480 mg/m³, short term exposure 960 mg/m³

Xylene: workers, systemic effects: long term exposure 77 mg/m³, skin contact 180 mg/kg bw; short term exposure 289 mg/m³

local effects, short term exposure 289 mg/m³

8.1.5 PNECs

Butyl acetate: 0,18 mg/l (fresh water); 0.018 mg/l (marine water); 35.6 mg/l (STP); 0.981 mg/kg (sediment, fresh water); 0.0981 mg/kg dw (sediment, marine); 0.0903 mg/kg dw (soil)

Xylene: 0.327 mg/l (fresh water, marine water); 6.58 mg/l (STP); 12.46 mg/kg dw (sediment); 2.31 mg/kg dw (soil)

8.2 Exposure controls**8.2.1 Appropriate engineering controls**

Keep away from food, drink and animal feedingstuffs. Provide adequate ventilation. Wash hands after handling. Immediately take off contaminated clothing and wash before reuse.

8.2.2.1 Respiratory protection

Respirator if vapours or aerosols are escaped in air.

8.2.2.2 Hand protection

Protective gloves complying with EN 374. Material e.g. PVC or nitrile rubber.

8.2.2.3 Eye/face protection

Chemical goggles or face shield if splashing is possible.

8.2.2.4 Skin protection

Protective clothing.

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9. PHYSICAL AND CHEMICAL PROPERTIES

9.1	Important Health Safety and Environmental Information	
9.1.1	Appearance	Liquid, coloured.
9.1.2	Odour	Characteristic odour of organic solvent.
9.1.3	Odour threshold	N/I
9.1.4	pH	-
9.1.5	Melting point/freezing point	< 0 °C
9.1.6	Initial boiling point and boiling range	No information available.
9.1.7	Flash point	n. 25 °C
9.1.8	Evaporation rate	N/I
9.1.9	Flammability (solid, gas)	-
9.1.10	Explosive properties	
9.1.10.1	Lower explosion limit	Xylene 1.0 %, Butyl acetate 1.2 %
9.1.10.2	Upper explosion limit	Xylene 8.0 %, Butyl acetate 7.5 %
9.1.11	Vapour pressure	< 10 mbar (20 °C)
9.1.12	Vapour density	N/I
9.1.13	Relative density	1.03 g/cm ³ (20 °C) DIN 53219
9.1.14	Solubility(ies)	
9.1.14.1	Water solubility	Insoluble in water.
9.1.15	Partition coefficient: n-octanol/water	N/I
9.1.16	Auto-ignition temperature	ca 370 °C Butyl acetate (T2)
9.1.17	Decomposition temperature	No information available.
9.1.18	Viscosity	60 - 80 sek DIN 4 mm - 53211
9.1.19	Explosive properties	N/I
9.1.20	Oxidising properties	N/I
9.2	Other information	

10. STABILITY AND REACTIVITY

10.1	Reactivity	Vapours may form explosive mixture with air when heated.
10.2	Chemical stability	Stable in normal conditions.
10.3	Possibility of hazardous reactions	Violent reaction possible with following chemicals: alkali metals, alkali hydroxides, oxidizing agents. Hazardous reaction possible with nitric acid.
10.4	Conditions to avoid	Keep away from sources of ignition.
10.5	Incompatible materials	No information available.
10.6	Hazardous decomposition products	No information available.

11. TOXICOLOGICAL INFORMATION

11.1	Information on toxicological effects	
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- 11.1.1 Acute toxicity**
Acute toxicity low.
- 11.1.2 Irritation and corrosion**
No hazard classification.
- 11.1.3 Sensitisation**
No hazard classification.
- 11.1.4 Subacute, subchronic and prolonged toxicity**
No hazard classification.
- 11.1.5 STOT-single exposure**
No hazard classification.
- 11.1.6 STOT-repeated exposure**
No hazard classification.
- 11.1.7 Aspiration hazard**
Not classified.

12. ECOLOGICAL INFORMATION

- 12.1 Toxicity**
- 12.1.1 Aquatic toxicity**
No hazard classification.
- 12.2 Persistence and degradability**
- 12.2.1 Biodegradation**
No information available.
- 12.3 Bioaccumulative potential**
No information available.
- 12.4 Mobility in soil**
No information available.
- 12.5 Results of PBT and vPvB assessment**
The product is neither classified as PBT nor vPvB.
- 12.6 Other adverse effects**
German classification:
- Butyl acetate WGK 1
- Xylene WGK 2

13. DISPOSAL CONSIDERATIONS

- 13.1 Waste treatment methods**
Dispose of contents/container in accordance of local and national regulations.

14. TRANSPORT INFORMATION

- 14.1 UN number** 1263
- 14.2 UN proper shipping name** PAINT
- 14.3 Transport hazard class(es)** 3
- 14.4 Packing group** III
- 14.5 Environmental hazards**
- 14.6 Special precautions for users**
- 14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**

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15. REGULATORY INFORMATION

- 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
REACH regulation, CLP regulation (EC).
Finnish Occupational Exposure Limit values 2014.
- 15.2 Chemical safety assessment**
Chemical safety assessment is not carried out for this substance/product.

16. OTHER INFORMATION

- 16.3 Key literature references and sources for data**
ECHA C&L Inventory.
ECHA Registered substances
Information from manufacturer.
- 16.4 Classification procedure**
CLP Regulation (1272/2008/EC)
Information from manufacturer.
- 16.5 List of relevant R phrases, hazard statements, safety phrases and/or precautionary statements**
- | | |
|--------|---|
| R10 | Flammable. |
| R20/21 | Harmful by inhalation and in contact with skin. |
| R38 | Irritating to skin. |
| R66 | Repeated exposure may cause skin dryness or cracking. |
| R67 | Vapours may cause drowsiness and dizziness. |
| 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. |
- 16.6 Training advice**
Good occupational hygiene and safety practices when handling the substance.
- 16.8 Additional information available from:**
PPT Dure Oy, Tel. +358 50 462 1542
sales@pptdure.fi