

**Safety data sheet in accordance with regulation (EC) No 1907/2006 & No 1272/2008 (CLP)**

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**1. Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier**

PARADOR Repairpen 1602606

**1.2. Relevant identified uses of the substance or mixture and uses advised against****Use of the substance/preparation**

Surface treatment of wood and other materials.

**1.3. Details of the supplier of the safety data sheet****Producer**

PARADOR GmbH &amp; Co. KG

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Email: [info@parador.de](mailto:info@parador.de)**2. Hazards identification****2.1. Classification of the substance or mixture**

Reference to other sections 2.2. Label elements

**2.2. Label elements****Labelling according to regulation (EC) No 1272/2008****Hazard symbols****H phrases**

H225 Highly flammable liquid and vapour.

H319 Causes serious eye irritation.

H336 May cause drowsiness or dizziness.

**P phrases**

P210 Keep away from heat/sparks/open flames/hot surfaces. No smoking.

P233 Keep container tightly closed.

P312 Call a poison center or a doctor/physician if you feel unwell.

P337/313 If eye irritation persists get medical advice/attention.

P403/235 Store in a well ventilated place. Keep cool.

**Sensitising substances****2.3. Other hazards**

This mixture contains no substance considered to be persistent, bioaccumulating nor toxic (PBT). This mixture contains no substance considered to be very persistent nor very bioaccumulating (vPvB).

**3. Composition/information on ingredients****Hazardous ingredients****n-butyl acetate**

CAS no. 123-86-4

EINECS no. 204-658-1

Registration no. 01-2119485493-29

Concentration  $\geq 10 < 25$  %

Classification : Flam. Liq. 3 ; H226 STOT SE 3 ; H336

**Ethyl acetate**

CAS no. 141-78-6

EINECS no. 205-500-4

Registration no. 01-2119485493-29

Concentration  $\geq 10 < 25$  %

Classification: Flam. Liq. 2 ; H225 Eye Irrit. 2 ; H319 STOT SE 3 ; H336

This product does not contain substances of very high concern (Regulation (EC) No. 1907/2006 (REACH), Article 57).

#### **4. First aid measures**

##### **4.1. Description of first aid measures**

###### **General information**

If unconscious place in recovery position and seek medical advice. When symptoms persist or in all cases of doubt seek medical advice. First aider needs to protect himself. Move out of dangerous area.

###### **After inhalation**

In case of accident by inhalation: remove casualty to fresh air and keep at rest. Keep patient warm and at rest. Consult a physician for severe cases.

###### **After skin contact**

Wash off immediately with soap and plenty of water. Do NOT use solvents or thinners. If skin irritation persists, call a physician.

###### **After eye contact**

In case of eye contact, remove contact lens and rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Consult a physician.

###### **After ingestion**

Do NOT induce vomiting. Consult a physician.

##### **4.2. Most important symptoms and effects, both acute and delayed**

Symptoms and signs include headache, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases, loss of consciousness.

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

###### **Hints for the physician / treatment**

Treat symptomatically.

#### **5. Firefighting measures**

##### **5.1. Extinguishing media**

###### **Suitable extinguishing media**

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

###### **Non Suitable extinguishing media**

Do not use a solid water stream as it may scatter and spread fire.

##### **5.2. Special hazards arising from the substance or mixture**

As the product contains combustible organic components, fire will produce dense black smoke containing hazardous products of combustion (see section 10). Exposure to decomposition products may be a hazard to health. Vapours may form explosive mixtures with air.

##### **5.3. Advice for firefighters**

###### **Special protective equipment for fire-fighting**

Wear self contained breathing apparatus for fire fighting if necessary.

###### **Other information**

Do not allow run-off from fire fighting to enter drains or water courses. Cool closed containers exposed to fire with water spray. Standard procedure for chemical fires.

#### **6. Accidental release measures**

##### **6.1. Personal precautions, protective equipment and emergency procedures**

Remove all sources of ignition. Ensure adequate ventilation. Avoid breathing vapours, mist or gas.

##### **6.2. Environmental precautions**

Do not flush into surface water or sanitary sewer system. Avoid subsoil penetration. Contact the proper local authorities.

##### **6.3. Methods and material for containment and cleaning up**

Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13). Clean contaminated floors and objects thoroughly while observing environmental regulations. Clean with detergents. Avoid solvents. Keep in suitable, closed containers for disposal.

##### **6.4. Reference to other sections**

Refer to protective measures listed in sections 7 and 8.

#### **7. Handling and storage**

##### **7.1. Precautions for safe handling**

**Advice on safe handling**

Prevent the creation of flammable or explosive concentrations of vapour in air and avoid vapour concentration higher than the occupational exposure limits. The product should only be used in areas from which all naked lights and other sources of ignition have been excluded. Mixture may charge electrostatically: always use earthing leads when transferring from one container to another. Take precautionary measures against static discharges. Wear shoes with conductive soles. No sparking tools should be used. Avoid contact with the skin and the eyes. Do not breathe vapours or spray mist. When using, do not eat, drink or smoke. For personal protection see section 8.

**Advice on protection against fire and explosion**

Vapours may form explosive mixtures with air. Vapours are heavier than air and may spread along floors. Standard procedure for chemical fires.

**7.2. Conditions for safe storage, including any incompatibilities****Requirements for storage rooms and vessels**

Keep in an area equipped with solvent resistant flooring. Store at room temperature in the original container. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

**Hints on storage assembly**

Keep away from oxidising agents and strongly acid or alkaline materials.

**Storage class according to the Occupation Safety Ordinance:**

Highly flammable.

**Further information on storage conditions**

Protect from frost, heat and sunlight. Keep away from sources of ignition - No smoking. Store in accordance with the particular national regulations.

**8. Exposure controls/personal protection \*\*\*****8.1. Control parameters****Exposure limit values**

N-BUTYLACETAT

CAS-No. : 123-86-4

List: TRGS 900 ( D )

Value: 62 ppm / 300 mg/m<sup>3</sup>

Category: 2(I)

Remark: Y

Date: 01.09.2012

ETHYLACETAT

CAS-Nr. : 141-78-6

List: TRGS 900 ( D )

Value: 400 ppm / 1500 mg/m<sup>3</sup>

Category: 2(I)

Remark: Y

Date: 01.09.2012

**8.2. Exposure controls****Exposure controls**

Apply technical measures to comply with the occupational exposure limits. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and solvent vapour below the OEL, suitable respiratory protection must be worn.

**Respiratory protection**

In case of proper use no special measures are required.

**Hand protection**

In case of proper use no special measures are required.

**Eye protection**

In case of proper use no special measures are required.

**Body protection**

In case of proper use no special measures are required.

**9. Physical and chemical properties****9.1. Information on basic physical and chemical properties**

**Form** liquid

**Colour** different

**Odour** solvent-like

**Melting point**

Remarks no data available

**Boiling point**

Value 80 to 140 °C

**Flash point**

Value 5°C      DIN 53213

**Explosion limits**

0,3 %(V) – 11,0 % (V)

**Density**

Value 1,0 g/cm<sup>3</sup>

Temperature 20 °C

**Solubility in water**

No data available.

**Ignition temperature**

375°C

**Efflux time**

Value 20-30 s

Temperature 20 °C

Method DIN 53211 - 4 mm

## 10. Stability and reactivity

### 10.1. Reactivity

No conditions to be specially mentioned.

### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

To avoid thermal decomposition, do not overheat.

### 10.4. Conditions to avoid

Heat, flames and sparks.

### 10.5. Incompatible materials

Keep away from oxidising agents, strongly alkaline and strongly acid materials in order to avoid exothermic reactions.

### 10.6. Hazardous decomposition products

Carbon dioxide (CO<sub>2</sub>), carbon monoxide (CO), oxides of nitrogen (NO<sub>x</sub>), dense black smoke. No decomposition if stored and applied as directed.

## 11. Toxicological information

### 11.1. Information on toxicological effects

No data available.

## 12. Ecological information

### 12.1. Toxicity

#### General information

No data is available on the product itself.

### 12.2. Persistence and degradability

#### General information

No data is available on the product itself.

### 12.3. Bioaccumulative potential

#### General information

No data is available on the product itself.

### 12.4. Mobility in soil

#### General information

No data is available on the product itself.

### Mobility

No data available

### 12.5. Results of PBT and vPvB assessment

**General information**

No data is available on the product itself.

**12.6. Other adverse effects****General information**

No data is available on the product itself.

**General information / ecology**

No data is available on the product itself.

**13. Disposal considerations****13.1. Waste treatment methods****Disposal recommendations for the product**

EWC waste code 080111 - waste paint and varnish containing organic solvents or other dangerous substances

EWC waste code 200127 - paint, inks, adhesives and resins containing dangerous substances

Where possible recycling is preferred to disposal or incineration.

Try to prevent the material from entering drains or water courses.

**modified product**

EWC waste code 080113 - sludges from paint or varnish containing organic solvents or other dangerous substances

EWC waste code 080115 - aqueous sludges containing paint or varnish containing organic solvents or other dangerous substances

**Dried residues**

EWC waste code 080112 - waste lacquers and waste paint except those falling under 080111

**Disposal recommendations for packaging**

EWC waste code 150110 - packaging containing residues of or contaminated by dangerous substances

Empty remaining contents.

Empty containers should be taken to local recyclers for disposal.

Germany: Duales System Deutschland "Der Grüne Punkt"

**14. Transport information****Land transport ADR/RID****14.1. UN number**

UN 1263

**14.2. UN proper shipping name**

PAINT

**14.3. Transport hazard class(es)**

Class 3

Label 3

**14.4. Packing group**

Packing group II

Special provision 640D

Limited Quantity LQ6

**Marine transport IMDG/GGVSee****14.1. UN number**

UN 1263

**14.2. UN proper shipping name**

PAINT

**14.3. Transport hazard class(es)**

Class 3

**14.4. Packing group**

Packing group II

**14.5. Environmental hazards**

no

**Air transport ICAO/IATA****14.1. UN number**

UN 1263

**14.2. UN proper shipping name**

PAINT

**14.3. Transport hazard class(es)**

Class 3

**14.4. Packing group**

Packing group II

**15. Regulatory information****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****Water Hazard Class (Ger.)**

Water Hazard Class (Ger.) WGK 1

**VOC**

VOC (EU) 700 g/l

**16. Other information**

This safety datasheet only contains information relating to safety and does not replace any product information or product specification.

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification.

The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

The information contained herein is based on the present state of our knowledge and does therefore not guarantee certain properties.