

SAFETY DATA SHEET

According to 91/155 EC

PRINT DATE: 11/11/03

REVISION DATE: 24/02/03

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

COMMERCIAL PRODUCT NAME UHU por

COMPANY UHU GmbH & Co. KG
Herrmannstraße 7
D-77815 Bühl/Baden

Tel.: +49 7223/284-0
Telefax: +49 7223/284-570
Emergency telephone number +49 7223/284-363

2. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical nature of the preparation
Solvent containing adhesive based on styrene-butadiene rubber

Hazardous components

| CAS-No. | Hazardous components | % | Classific. | R-phrase(s) |
|------------|-------------------------------|------|------------|----------------|
| 92045-53-9 | n-heptane/iso-heptane mixture | < 70 | F/Xi/Xn/N | 11-38-65-67-50 |

3. HAZARDS IDENTIFICATION

Most important hazards:

F - Highly flammable
Xi - Irritant
N - Dangerous for the environment

R-phrase(s)

R11 - Highly flammable.
R38 - Irritating to skin.
R51/53 - Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Classification

The product is classified and labelled in accordance with the EC Directive 91/155/EWG.

4. FIRST-AID MEASURES

General advice

Take off all contaminated clothing immediately.

Inhalation

Move to fresh air in case of accidental inhalation of vapours.

Skin contact

Wash off with soap and plenty of water.
If symptoms persist, call a physician.

Eye contact

Rinse immediately with plenty of water and seek medical advice.

Ingestion

Do not induce vomiting.
If symptoms persist, call a physician.

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5. FIRE-FIGHTING MEASURES

Suitable extinguishing mediadry powder , carbon dioxide (CO₂) , foam**Extinguishing media which must not be used for safety reasons**

high volume water jet

6. ACCIDENTAL RELEASE MEASURES

Personal precautions

Ensure adequate ventilation.

Environmental precautions

Do not flush into surface water or sanitary sewer system.

Methods for cleaning up

Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).

Take up mechanically and collect in suitable container for disposal.

7. HANDLING AND STORAGE

Handling**Safe handling advice**

Keep containers tightly closed in a cool, well ventilated place.

Keep away from heat and sources of ignition.

Take precautionary measures against static discharges.

Technical measures/Precautions

Keep away from open flames, hot surfaces and sources of ignition.

Do not smoke.

Storage**Technical measures/Storage conditions**

Keep tightly closed in a dry and cool place.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering measures

It is good practice in industrial hygiene to avoid contact with solvents by using appropriate protective measures whenever possible.

| <u>CAS-No.</u> | <u>Hazardous components</u> | <u>%</u> | <u>Classification</u> |
|----------------|-------------------------------|----------|---------------------------|
| 92045-53-9 | n-heptane/iso-heptane mixture | < 70 | MAK 200 ml/m ³ |

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Technical measures/Precautions

Handle in accordance with good industrial hygiene and safety practice.

Respiratory protection

-

Hand protection

solvent-resistant gloves

Eye protection

-

9. PHYSICAL AND CHEMICAL PROPERTIES**Form** : viscous**Colour** : yellow**Odour** : hydrocarbon-like**Melting point/range** - °C**Boiling point/range** 95 °C**Flash point** -5 °C DIN 51 755**Ignition temperature** 223 °C DIN 51 794**Autoflammability**

None

Explosive properties

Vapours may form explosive mixture with air.

Explosion limits

- lower 1,0 Vol %

- upper 6,7 Vol %

Vapour pressure 20 °C <60 mbar DIN 51 754**Relative density** 20 °C 0.79 g/cm³ DIN 51 757**Water solubility** practically not soluble**Viscosity** 20 °C 130 dPas**pH** -**10. STABILITY AND REACTIVITY****Conditions to avoid** : none under normal use**Hazardous decomposition products** : Under conditions giving incomplete combustion, hazardous gases produced may consist of: Carbon monoxide

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| Components | Way/Species | Value |
|-------------------------------|--------------------|--------------|
| n-heptane/iso-heptane mixture | LD50/oral/rat= | > 1700 mg/kg |

Skin contact: Experience shows no unusual dermatitis hazard from routine handling.**Eye contact:** Contact with eyes may cause irritation.**Sensitization:** none**Further information:** Health injuries are not known or expected under normal use. Solvents may degrease the skin.**12. ECOLOGICAL INFORMATION**

Do not flush into surface water or sanitary sewer system.

Water danger class: 2 UHU classification: water contaminating**13. DISPOSAL CONSIDERATIONS****Waste from residues / unused products**

Can be incinerated when in compliance with the local legal regulations.

Waste key number: 080409**Contaminated packaging**

Dispose of as unused product.

14. TRANSPORT INFORMATION**ADR / RID Land****Class:** 3 **Item:** F1 **UN No.:** 1133**Danger No.:** 3 **Packaging group:** III **Special No.:** 640H**Characterization:** 1133 Adhesive (with a flash point below +23°C and viscous according to 2.2.3.1,4.) (Vapour pressure at 50°C at most 110 kPa).**IMDG/GGV Sea:****Class:** 3 **UN-Nr.:** 1133**Marine pollutant:** NO**Packaging group:** III **EmS:** 3-05**Proper shipping name:** Adhesive**ICAO-TI und IATA-DGR Air:****Class:** 3 **UN-Nr.:** 1133**Verpackungsgruppe:** III**Proper shipping name:** Adhesive

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15. REGULATORY INFORMATION

Classification according to EC Directive

Risk abbreviation and symbol of the product

F - Highly flammable

Xi - Irritant

N - Dangerous for the environment

Risk determining compound for labelling

n-heptane/iso-heptane mixture

R-phrases(s)

R11 - Highly flammable.

R38 - Irritating to skin.

R51/53 - Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

S-phrases(s)

S7/9 - Keep container tightly closed and in a well-ventilated place.

S16 - Keep away from sources of ignition - No smoking.

S23 - Do not breathe vapour.

S51 - Use only in well ventilated areas.

S29/56 - Do not empty into drains, dispose of this material and its container to hazardous or special waste collection point.

Specific hazards

16. OTHER INFORMATION

Take notice of the directions of use on the label.

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.