

# EU-SAFETY DATA SHEET

Amendment date: 22.08.2005

Date of Printing: 17.10.2007

EU-SDB30400A

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## SHERASEPAL-U Universal separating agent

### 1. Substance / preparation and company name

**Product name:**

SHERASEPAL-U

**Supplier:**

SHERA Werkstoff-Technologie

GmbH & Co. KG

Espohlstr. 53

49448 Lemförde

Germany

Tel.: +49 54 43 - 99 33 - 0

Fax: +49 54 43 - 99 33 - 100

### 2. Composition / Details of components

**Chemical characteristics (preparation)**

Dispersion of waxes in a solvent mixture.

CAS-Number	Content	Unit	Dang. Sym	R-phrases
8002-05-9	60-65	w-%	F	R 11
Crude oil and coal tar distillates, flash point less than 21 °C				
75-09-2	25-30	w-%	Xn	R 40

Dichloromethane Designation according to EU Directives.

### 3. Possible dangers

Easily flammable

### 4. First aid

**General details**

Immediately remove contaminated clothing. In case of malaise seek medical attention.

**After skin contact**

Wash with water and soap, flush, thoroughly put skin crème on cleaned skin.

**After eye contact**

Immediately flush with lots of water (at least 15 minutes) and afterwards immediately seek medical attention.

**After ingestion**

Do not induce any vomiting, seek medical attention.

### 5. Fire fighting

**Suitable fire fighting agents**

Sand, foam, CO<sub>2</sub>, powder-type distinguishing agent. Adjust fire fighting measures to surroundings.

**For security reasons unsuitable fire fighting agents**

Water

**Particular hazard through the substance or the preparation itself, its products of combustions or forming gases**

In case of fire there will be dense, black smoke.

**Special protective equipment**

Do not inhale foaming gases. Wear protective clothing and protective breathing equipment which is independent from circulation air.

### 6. Action in the event of accidental release

**Person-related precautionary measures**

Observe precautionary measures, (see point. 7 and point 8). Do not inhale vapours, provide sufficient ventilation. Keep away from sources of ignition. Keep away uninvolved persons.

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### 6. Action in the event of accidental release (continuation)

#### Cleaning

To pick up with a non-flammable, liquid absorbing material (e.g. sand, soil, kieselghur, vermiculite). Dispose of according to description in point 13.

### 7. Handling and storage

#### Tips on safety handling

Only use this material in case of no naked light, fire and keep away from other ignition sources.

#### Tips on fire and explosion protection

Product vapours are heavier than air and spread out at ground level.

Take precautionary measures against static discharges.

#### Storage information

Keep container tightly closed in cool and well ventilated place. Always store in original container.

Do not store outdoors. Protect against temperature rise and direct solar radiation.

Keep away food products, beverages and feeding stuff.

### 8. Exposure limits and personal safety equipment

#### Additional information regarding configuration of technical plants

Ensure sufficient ventilation. This can be reached by either local suction or general extracted air.

#### Desktop exposure limits, that require monitoring

CAS No.	type,	value, unit
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75-09-2	MAK	100 ppm
	MAK	360 mg/ m <sup>3</sup>

Dichlormethane

Designation of the EU Directives

#### Other information

Free of aromatic hydrocarbons mixtures TRGS 404, group 1: limit value 350 ml/m<sup>3</sup>

#### Personal protective equipment

Respiratory protection                      Ensure adequate ventilation.

Hand protection                                Use protective gloves.

Eye protection                                 Wear protective goggles.

#### Hygiene measures

Before using apply suitable barrier cream. Wash hands before breaks and end of working.

When using do not eat, drink or smoke.

### 9. Physical and chemical properties

#### Appearance

Type: liquid

Color: milky

Smell: kind alike

Security relevant data	Value from to	Reference value
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Boiling temperature	> 40 °C	Method: Literature value
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Flashpoint	< 20 °C	Method: DIN 51755
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Ignition temperature range:	> 200 °C	Method: Literature value
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Inferior explosion limit:	0,6 Vol %	Method: Literature value
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Superior explosion limit:	7 Vol %	Method: Literature value
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Steam pressure: 50 °C	< 900 hPa	Method: Literature value
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Density at:	20 °C 0.85 g/cm <sup>3</sup>	Method: DIN 51757
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Mixable with:	organ. solvent, like e.g. ketones, esters, aromates, alipharen.	
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Flow time:	20 °C < 10 sec	Method: DIN beaker 4 mm
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#### Other information

The physical data are approximate values and refer to the used, security relevant components.

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### 10. Stability and reactivity

#### Hazardous reactions

None in case of proper storage and handling.

#### Thermal decomposition

None in case of proper storage and handling.

#### Further indication

In case of contact with light metals danger of corrosion.

### 11. Toxicology information

There are no details available regarding preparation.

Test result of danger releasing components of the product mix:

LD 50 oral, rat: approx. 1500 mg/kg

The toxicological classification of the product has been undertaken due to the results of the analysis according to the General Preparation Directive (88/379/EWG).

### 12. Ecology information

Do not empty into soil, drains or sewage water system.

### 13. Disposal instructions

#### Product remains

Load into an adequate combustor while considering the local official regulations.

#### Disposal code no

552 20 solvent mixture, containing halogens

### 14. Transport information

#### Transport by land/ lorry/ international/ notice

ADR/RID 3 / 3b /

GGVS/GGVE 3 / 3b /

Oil and coal tar distillates, fl point. smaller than 21 °C

Danger no. 33 UN no. 1993

#### Transport by inland vessel / notice

ADN/ADNR: not determined.

#### Transport by ocean vessel / notice

IMDG/GGVSee-Code 3.2

Ems 3-07

MFAG 310

Petroleum distillates, FP below 21 °C

IMDG-PACK. GROUP II UN no. 1993

#### Transport by air / notice

ICAO/IATA-DGR 3

UN no. 1993

ICAO-PACK: GROUP II

Petroleum distillates, FP below 21 °C

### 15. Regulations

#### Designation

CONTAINS: Dichlormethane (INDEX-No. 602-004-00-3)

#### Danger symbols

F Highly flammable

#### Danger phrases

#### R-phrases

R 11 Highly flammable

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## **SHERASEPAL-U** Universal separating agent

### **15. Regulations (continuation)**

#### **S-phrases**

- S 24/25 Avoid contact with skin and eyes.
- S 36/37 Wear suitable protective clothing and gloves
- S 20/21 When using do not eat, drink or smoke
- S 46 If swallowed, seek medical advice immediately and show this container or label
- S 16 Keep away from sources of ignition - No smoking
- S 29 Do not empty into drains
- S 33 Take precautionary measures against static discharges

#### **National regulations**

Classification according to VbF:	A I
Parts in m %	organic
Class 1	
Class 2	0,37
Class 3	94.62
Class 4	

#### **Other regulations, restrictions and prescription (only for D)**

TRGS 905:

Dichlormethane: Carc.Cat. 3

### **16. Other information**

Information boxes, which are not filled out require knowledge and experience that are unknown at this time. Such points may however have possible dangers and are not to be considered to be safe.

The information is based on the state of knowledge and experience pertaining on the date of issue. The information is not to be taken as a guarantee of general properties. It should neither be changed or transferred to other products. Duplication in an unchanged state is permissible.