



# Safety Data Sheet

according to 2001/58/EC

## Panasil Adhesive

Print date : 13.03.2007

001411

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### 1. Identification of the preparation and of the company

#### Identification of the preparation

Panasil Adhesive

#### Use of the preparation

Adhesive for Panasil, Monopren and Futar.

#### Company identification

Company name : Kettenbach GmbH & Co. KG  
Street : Im Heerfeld 7  
Place : D-35713 Eschenburg  
Contact person : Quality Assurance Manager  
e-mail : info@kettenbach.de  
Internet : www.kettenbach.de

Telephone : + 49(0) 2774/705-0  
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### 2. Composition/information on ingredients

#### **Chemical characterization** ( preparation )

Preparation based on silicone resin in organic solvents.

#### **Hazardous components**

EC-No.	CAS-No.	Chemical name	Quantity	Classification
215-535-7	1330-20-7	xylene	25 - 50 %	Xn, Xi R10-20/21-38

Full text of each relevant R phrase can be found in heading 16.

Index No. 607-022-00-5

### 3. Hazards identification

#### **Classification**

Symbols : Harmful, Irritant  
R-phrases :  
Flammable.  
Irritating to skin.  
Harmful by inhalation and in contact with skin.

#### **Explication of special hazards for human health and environment**

Highly flammable.  
No risks worthy of mention. Please observe the information on the safety data sheet at all times.

### 4. First aid measures

#### **After inhalation**

Provide fresh air. Consult physician if problems persist.

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

After contact with skin, wash immediately with plenty of water and soap. Change contaminated clothing.

#### **After contact with eyes**

After contact with eye rinse immediately with lot of water at least 5 minutes with open eyelid. Subsequently consult an ophthalmologist.

#### **After ingestion**

Have victim drink large quantities of water, with active charcoal if possible. Do not induce vomiting. Immediately get medical attention. Give activated carbon, in order to reduce the resorption in the gastro-enteric tract.

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#### 5. Fire-fighting measures

##### Suitable extinguishing media

Carbon dioxide (CO<sub>2</sub>). Dry extinguishing powder. Foam.

##### Special exposure hazards arriving from substance or preparation itself, combustion products, resulting gases

In case of fire and/or explosion do not breathe fumes.

##### Special protective equipment for fire-fighters

In case of fire: Wear self-contained breathing apparatus.  
Extinguishing materials should be selected according to the surrounding area.

#### 6. Accidental release measures

##### Personal precautions

Remove from all sources of ignition.

##### Environmental precautions

Do not empty into drains or the aquatic environment.

##### Methods for cleaning up/taking up

Wipe up with absorbent material (eg. cloth, fleece). Clean contaminated articles and floor according to the environmental legislation.

#### 7. Handling and storage

##### Handling

##### Advice on safe handling

Use only in well-ventilated areas. Keep away from sources of ignition. No smoking.

##### Advice on protection against fire and explosion

Take precautionary measures against static discharges.

##### Further information on handling

Provide fresh air.

##### Storage

##### Requirements for storage rooms and vessels

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

##### Further information on storage conditions

Protect against: heating.

#### 8. Exposure controls/personal protection

##### Exposure limit values

##### Exposure limits (EH40)

CAS No.	Substance	ml/m <sup>3</sup>	mg/m <sup>3</sup>	F/ml	Category	Origin
1330-20-7	Xylene, o-, m-, p- or mixed isomers	100	441		TWA (8 h)	WEL
		150	662		STEL (15 min)	WEL

##### BAT values (TRGS 903)

CAS No.	Substance	Value	Parameter	Test material	Sampling time
1330-20-7	Xylol (alle Isomeren)	2 g/l	Methylhippur-(Tolur-)säure	U	b

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#### Exposure controls

##### **Protective and hygiene measures**

Only wear fitting, comfortable and clean protective clothing. Change contaminated clothing.  
Wash hands when done working with material; at breaks, lunch, shift changes, etc. Protect skin by using skin protective cream.

##### **Respiratory protection**

breathing protection indicated: Exceeding critical value

##### **Hand protection**

Chemical protective gloves must be chosen carefully in view of their design and depending on the dependence on the concentration and amounts of dangerous goods used in the specific working tasks.

##### **Eye protection**

Framed glasses.

##### **Skin protection**

Wear suitable protective clothing.

### 9. Physical and chemical properties

#### General information

Physical state : liquid  
Colour : colourless  
Odour : characteristic

#### Important health, safety and environmental information

	Test method
pH-Value (at 20 °C) :	ca. 7
<b>Changes in the physical state</b>	
Boiling point :	140 °C
Flash point :	27 °C
Lower explosion limits :	1,0 vol. %
Upper explosion limits :	7,6 vol. %
Vapour pressure : (at 20 °C)	8 hPa
Density (at 20 °C) :	0,9 g/cm <sup>3</sup>
Water solubility : (at 20 °C)	insoluble

### 10. Stability and reactivity

#### **Conditions to avoid**

heating.

#### **Materials to avoid**

none / none

#### **Hazardous decomposition products**

none / none

#### **Additional information**

Highly flammable. Fumes may form explosive mixtures with air.

### 11. Toxicological information

#### **Additional information on tests**

Preparation not tested. No data available



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### Further information

Harmful by inhalation and if swallowed.  
Hazard identification: Nausea. Headache. Vapours may cause drowsiness and dizziness.  
Following skin contact: Has de-greasing effect on the skin.  
Following eye contact: Irritant.  
Harmful: may cause lung damage if swallowed.

## 12. Ecological information

### Further information

Preparation not tested. No data available. Leakage into the environment must be prevented.

## 13. Disposal considerations

### Advice on disposal

Dispose of waste according to applicable local, state, and federal regulations.

### Waste disposal number of waste from residues/unused products

070299 WASTES FROM ORGANIC CHEMICAL PROCESSES; wastes from the MFSU of plastics, synthetic rubber and man-made fibres; wastes not otherwise specified

### Contaminated packaging

Cleaned containers may be recycled.

## 14. Transport information

### Land transport (ADR/RID)

ADR/RID class : 3  
Warning plate  
Hazard-no. : 30  
UN number : 1133  
Hazard label : 3  
ADR/RID packing group : III

### Description of the goods

KLEBSTOFFE, mit entzündbarem flüssigem Stoff

### Inland waterways transport

ADN/ADNR class : 3  
UN number : 1133

### Description of the goods

KLEBSTOFFE, mit entzündbarem flüssigem Stoff

### Marine transport

IMDG code : 3  
UN number : 1133  
Marine pollutant : mp  
EmS : F-E, S-D  
IMDG packing group : III

### Description of the goods

ADHESIVES, CONTAINING FLAMMABLE LIQUID

### Air transport

ICAO/IATA-DGR : 3  
UN/ID number : 1133  
Hazard label : 3

IATA-packing instructions - Passenger : 309

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IATA-max. quantity - Passenger : 60 Liter  
IATA-packing instructions - Cargo : 310  
IATA-max. quantity - Cargo : 220 Liter  
ICAO packing group : III

#### Description of the goods

ADHESIVES, CONTAINING FLAMMABLE LIQUID

### 15. Regulatory information

#### Labelling

Danger symbols : Xn - Harmful



Xn - Harmful

#### Hazardous component(s) to be indicated on label

xylene

#### R phrases

10 Flammable.  
38 Irritating to skin.  
20/21 Harmful by inhalation and in contact with skin.

#### National regulations

Water contaminating class : 3 - highly water contaminating

### 16. Other information

#### List of relevant R phrases

10 Flammable.  
38 Irritating to skin.  
20/21 Harmful by inhalation and in contact with skin.

#### Other data

The information is based on present level of our knowledge. It does not, however, give assurances of product properties and establishes no contract legal rights. The receiver of our product is singularly responsible for adhering to existing laws and regulations.

*(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)*