



## 1. Identification of the substance/mixture and of the company/undertaking

### Product identifier

#### Name of product

Urethane Resin 45, 60, 80 (GB)  
Code-Nr. 105101

#### Manufacturer/distributor

WEICON GmbH & Co. KG  
Königsberger Straße 255, DE-48157 Münster  
Postbox 84 60, DE-48045 Münster  
Phone ++49(0)251 / 9322 - 0, Fax ++49(0)251 / 9322-244  
E-Mail : info@weicon.de  
Internet : www.weicon.de

#### Advice

Abteilung Angebote, Verkauf, Export  
Phone ++49(0)251 / 9322 - 0

#### Emergency advice

Giftnotruf Bonn: Bei Vergiftungen (in case of poisoning)  
Phone ++49(0)228-19 240

#### Recommended intended purpose(s)

2-Component Epoxy Resin - Resin Component

## 2. Hazards identification

### Classification according to 67/548/EEC or 1999/45/EC

Xn; R20  
Xi; R36  
R42/43

#### R-phrases

20 Harmful by inhalation.  
36 Irritating to eyes.  
42/43 May cause sensitization by inhalation and skin contact.

### Labelling according to 67/548/EEC or 1999/45/EC

#### Remarks for labelling

The product is classified and labelled in accordance with EC directives/the relevant national laws.

Xn Harmful

#### R-phrases

20 Harmful by inhalation.  
36 Irritating to eyes.  
42/43 May cause sensitization by inhalation and skin contact.

#### S-phrases

2 Keep out of the reach of children.  
23 Do not breathe vapour.  
24/25 Avoid contact with skin and eyes.  
26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
37 Wear suitable gloves.  
45 In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).



60 This material and its container must be disposed of as hazardous waste.

**Hazardous ingredients for labeling**

Hexamethylene diisocyanate, oligomers, 4-methyl-m-phenylene diisocyanate, aromatic polyisocyanate-prepolymer

**Special rules for supplemental label elements for certain mixtures**

Contains isocyanates. See information supplied by the manufacturer.

**3. Composition/information on ingredients**

**Hazardous ingredients**

CAS No	EC No	Name	[% weight]	Classification according to 67/548/EEC
584-84-9	209-544-5	4-methyl-m-phenylene diisocyanate	0.9999	Carc.Cat.3 R40; T+ R26; Xi R36/37/38; R42/43; R52-53
28182-81-2	500-060-2	Hexamethylene diisocyanate, oligomers aromatic polyisocyanate-prepolymer	2,5 - 10 50 - 99	Xi R43; R52/53 Xi R36; R43

**4. First aid measures**

**General information**

Symptoms of poisoning may not occur for many hours, therefore keep under medical supervision for at least 48 hours.

**In case of inhalation**

Ensure of fresh air.

Seek medical treatment immediately.

**In case of skin contact**

In case of contact with skin wash off with soap and water.

Consult a doctor if skin irritation persists.

**In case of eye contact**

In case of contact with eyes rinse thoroughly with plenty of water and seek medical advice.

**In case of ingestion**

Do not induce vomiting.

Refer to medical treatment.

**Treatment (Advice to doctor)**

In the event of pulmonary irritation treat initially with dexamethasone metered-dose aerosol.

**5. Firefighting measures**

**Suitable extinguishing media**

Dry fire-extinguishing substance

Carbon dioxide

Water spray jet

**Extinguishing media which must not be used for safety reasons**

Full water jet

**Special hazards arising from the substance or mixture**

Fire gas of organic material has to be classed invariably as respiratory poison.

Nitrogen oxides (NOx)

Carbon monoxide (CO)

Carbon dioxide (CO2)

Hydrogen cyanide (HCN)

**Special protective equipment for fire-fighters**

Fire-fighting operations, rescue and clearing work under effect of combustion and smoulder gases just may be done with breathing apparatus.



**Additional information**

Collect contaminated firefighting water separately, must not be discharged into the drains.

**6. Accidental release measures**

**Personal precautions**

Ensure adequate ventilation.  
Use personal protective clothing.  
Use breathing apparatus if exposed to vapours/dust/aerosol.

**Environmental precautions**

Do not discharge into the drains/surface waters/groundwater.  
Do not discharge into the subsoil/soil.

**Methods for cleaning up**

Take up with absorbent material.  
After taking up the material dispose according to regulation.

**7. Handling and storage**

**Advice on safe handling**

Avoid formation of aerosols.  
Care for thoroughly room ventilation, if necessary use in well ventilated area with local exhaust ventilation at workplace.  
Open and handle container with care!

**Advice on protection against fire and explosion**

No special measures necessary.

**Requirements for storage rooms and vessels**

Keep in closed original container.

**Further information on storage conditions**

Recommended storage temperature: room temperature.

**8. Exposure controls/personal protection**

**Additional advice on system design**

Sufficient ventilation and exhaustion.

**Ingredients with occupational exposure limits to be monitored**

CAS No	Name	Code	[mg/m3]	[ppm]	Remark
101-77-9	4,4'-Methylenedianiline	8 hours	0.08	0.01	EH40/2005

**Respiratory protection**

If ventilation insufficient, wear respiratory protection.  
Multi-purpose filter ABEK/P3

**Hand protection**

In the cases of special applications, it is recommended to check the chemical resistance with the manufacturer of the gloves.  
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.  
Glove material specification [make/type, thickness, permeation time/life, wetting resistance]: butyl rubber, 0,7mm; 480min

**Eye protection**

tightly fitting goggles

**Skin protection**

Light protective clothing.

**General protective measures**

Avoid contact with eyes and skin





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## 12. Ecological information

### General regulation

Do not allow uncontrolled leakage of product into the environment.  
Product is not allowed to be discharged into aquatic environment.

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## 13. Disposal considerations

### Recommendations for the product

Remove in accordance with local official regulations.

There are no harmonised regulations on the disposal of chemicals in the member states of the EU. In Germany, the Recycling and Waste Management Act 8 KrW-/AbfG) stipulates recycling as a requirement.

### Recommendations for packaging

Dispose of according to the local waste regulations.

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## 14. Transport information

### Transport/further information

No dangerous goods as defined by the transport regulations - ADR/RID, IMDG, ICAO/IATA-DGR.

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## 15. Regulatory information

### VOC standard

VOC content 0 %

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## 16. Other information

### Recommendend uses and restrictions

National and local regulations concerning chemicals shall be observed.

### Further information

The information contained herein is based on the state of our knowledge. It characterizes the product with regard to the appropriate safety precautions. It does not represent a guarantee of the properties of the product.

### Wording of the R/H-phrases specified in chapter 3 (not the classification of the mixture!)

R 26 Very toxic by inhalation.

R 36 Irritating to eyes.

R 36/37/38 Irritating to eyes, respiratory system and skin.

R 40 Limited evidence of a carcinogenic effect.

R 42/43 May cause sensitization by inhalation and skin contact.

R 43 May cause sensitisation by skin contact.

R 52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.