



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

### Product identifier

**Name of product** Easy-Mix N 5000 Hardener (GB)  
Code-Nr. 106522

### 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 - Hardener Component

## 2. Hazards identification

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

Xn; R21/22  
C; R34  
R43  
N; R50/53  
Repr. Cat. 3; R62  
Repr. Cat. 3; R63

### R-phrases

62 Possible risk of impaired fertility.  
63 Possible risk of harm to the unborn child.  
21/22 Harmful in contact with skin and if swallowed.  
34 Causes burns.  
43 May cause sensitisation by skin contact.  
50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

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

#### Remarks for labelling

The product is classified and labelled in accordance with EC directives/German regulations on dangerous substances.

**C** Corrosive  
**N** Dangerous for the environment

### R-phrases

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63 Possible risk of harm to the unborn child.  
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#### S-phrases

2 Keep out of the reach of children.  
26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
29/35 Do not empty into drains; dispose of this material and its container in a safe way.  
36/37/39 Wear suitable protective clothing, gloves and eye/face protection.  
45 In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).  
51 Use only in well-ventilated areas.  
61 Avoid release to the environment. Refer to special instructions/safety data sheets.

#### Hazardous ingredients for labeling

2-piperazin-1-ylethylamine, nonylphenol

### 3. Composition/information on ingredients

#### Description

Hardener for a 2-component epoxy adhesive (formulated polyaminoamide containing 3-aminopropyl dimethylamine).

#### Hazardous ingredients

CAS No	EC No	Name	[% weight]	Classification according to 67/548/EEC
25154-52-3	246-672-0	nonylphenol	70 - 90	Repr.Cat.3 R62-63; Xn R22; C R34; N R50-53
140-31-8	205-411-0	2-piperazin-1-ylethylamine	10 - 30	Xn R21/22; C R34; R43; R52-53

### 4. First aid measures

#### General information

Remove contaminated soaked clothing immediately and dispose it safely.

#### In case of inhalation

Ensure of fresh air.

In the event of symptoms refer for medical treatment.

#### In case of skin contact

Do not use solvents or thinners.

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

Consult a doctor if skin irritation persists.

#### In case of eye contact

May cause superficial burns.

In case of contact with eyes rinse thoroughly with water.

Seek medical advice immediately.

#### In case of ingestion

Do not induce vomiting.

If swallowed by mistake drink plenty of water and seek medical treatment.

#### Treatment (Advice to doctor)

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



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## 5. Firefighting measures

### Suitable extinguishing media

Foam  
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.

In case of fire formation of dangerous gases possible.

In the event of fire the following can be released:

Nitrogen oxides (NO<sub>x</sub>)  
Carbon monoxide (CO)  
Carbon dioxide (CO<sub>2</sub>)

### Special protective equipment for fire-fighters

Use breathing apparatus with independent air supply.

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

### Additional information

Fire residues and contaminated firefighting water must be disposed of in accordance with the local regulations.

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## 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

Send in suitable containers for recovery or disposal.  
Take up with absorbent material.

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## 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.

### Advice on protection against fire and explosion

Take precautionary measures against static discharges.

### Requirements for storage rooms and vessels

Keep in closed original container.

### Further information on storage conditions

Keep container tightly closed and store at cool and aired place.  
Protect from direct solar radiation.  
Store in a dry place.



## 8. Exposure controls/personal protection

### Additional advice on system design

Sufficient ventilation and exhaustion.

### Respiratory protection

If ventilation insufficient, wear respiratory protection.

### 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

protective clothing

### General protective measures

Avoid contact with eyes and skin

Do not inhale gases/vapours/aerosols.

### Hygiene measures

At work do not eat, drink and smoke.

Wash hands before breaks and after work.

## 9. Physical and chemical properties

### Form

liquid

### Colour

brown

### Odour

similar to amine

### Important health, safety and environmental information

	Value	Temperature	at	Method	Remark
<b>pH value in delivery state</b>	not applicable				
<b>boiling point</b>	200 °C				
<b>Flash point</b>	> 100 °C				
<b>Autoignition</b>	315 °C				
<b>Lower explosion limit</b>	1 Vol-%				
<b>Upper explosion limit</b>	10,5 Vol-%				
<b>Vapour pressure</b>	5 hPa	50 °C			
<b>Density</b>	0,98 g/cm <sup>3</sup>				
<b>Solubility in water</b>					immiscible
<b>Viscosity</b>	5500 mPa*s				

### Explosive properties

The product is considered non-explosive ; nevertheless explosive vapour/air mixtures can be generated .



## 10. Stability and reactivity

### Conditions to avoid

Keep away from heat.

### Materials to avoid

Reactions with strong acids and alkalis.  
Reactions with strong oxidising agents.

### Hazardous decomposition products

Carbon monoxide and carbon dioxide.  
Nitrous oxides (NOx)  
Toxic gases/vapours

### Thermal decomposition

Remark No decomposition if used as directed.

## 11. Toxicological information

### Acute toxicity/Irritability/Sensitization

	Value/Validation	Species	Method	Remark
<b>Irritability skin</b>	corrosive	rabbit		
<b>Irritability eye</b>	corrosive	rabbit eye		
<b>Skin sensitization</b>	sensitizing	Guinea pig		

### Experiences made from practice

Sensitization through skin contact possible.

### Additional information

Labelling in compliance with the assessment procedure specified in the EC guidelines 1999/45/EC.

## 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.

## 13. Disposal considerations

### Recommendations for the product

Cured material may be considered inert and disposed of as builders waste.  
Remove in accordance with local official regulations.

### Recommendations for packaging

Uncontaminated packaging may be treated as household waste.  
Packaging that cannot be cleaned should be disposed of like the product.



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## 14. Transport information

### Land and inland navigation transport ADR/RID

UN 2735 AMINES, LIQUID, CORROSIVE, N.O.S. ( 2-Piperazin-1-ylethylamine), 8, II, (E), Classification code: C7

### Marine transport IMDG

UN 2735 AMINES, LIQUID, CORROSIVE, N.O.S. (Nonylphenol, 2-Piperazin-1-ylethylamine), 8, II, Marine Pollutant

### Air transport ICAO/IATA-DGR

UN 2735 Amines, liquid, corrosive, n.o.s. ( 2-Piperazin-1-ylethylamine), 8, II

### Transport/further information

24h EMERGENCY CONTACT (TRANSPORT) +49(0)178 433 7434 (Consultank Lutz Harder GmbH)

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## 15. Regulatory information

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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 21/22 Harmful in contact with skin and if swallowed.

R 22 Harmful if swallowed.

R 34 Causes burns.

R 43 May cause sensitisation by skin contact.

R 50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

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

R 62 Possible risk of impaired fertility.

R 63 Possible risk of harm to the unborn child.