



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

<b>Name of product</b>	Easy-Mix PE-PP 45 Resin (GB) Code-Nr. 10660-1
<b>Manufacturer/distributor</b>	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
<b>Advice</b>	Abteilung Angebote, Verkauf, Export Phone ++49(0)251 / 9322 - 0
<b>Emergency advice</b>	Giftnotruf Bonn: Bei Vergiftungen (in case of poisoning) Phone ++49(0)228-19 240
<b>Recommended intended purpose(s)</b>	2-Component Epoxy Resin - Resin Component The product is intended only for the industrial/professional use.

## 2. HAZARDS IDENTIFICATION

<b>Classification</b>	Xi; R36/37/38
<b>R-phrases</b>	36/37/38 Irritating to eyes, respiratory system and skin.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

### Hazardous ingredients

CAS No	EC No	Name	[% weight]	Classification
2455-24-5	219-529-5	Tetrahydrofurfuryl methacrylate	40 - 60	Xi R36/37/38
688-84-6	211-708-6	2-ethylhexyl methacrylate	10 - 30	XI R36/37/38

## 4. FIRST AID MEASURES

### General information

Remove contaminated soaked clothing immediately.

### In case of inhalation

Ensure of fresh air.

In the event of symptoms refer for medical treatment.

### 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 with plenty of water carefully. In the event of persistent symptoms seek medical treatment.

### In case of ingestion

Do not induce vomiting.



Refer to medical treatment.  
If swallowed give water to drink.

## 5. FIRE-FIGHTING MEASURES

### Suitable extinguishing media

Dry fire-extinguishing substance  
Carbon dioxide

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

Full water jet

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

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

Nitrogen oxides (NO<sub>x</sub>)

Under certain fire conditions traces of other toxic substances cannot be excluded.

### 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

Cool endangered containers with water spray jet.

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

## 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.

### Advice on protection against fire and explosion

Keep away from sources of ignition - No smoking

Take precautionary measures against static discharges.

### Requirements for storage rooms and vessels

Keep in closed original container.

### Advice on storage compatibility

Store cool and at distance to acids.

### Further information on storage conditions

Store only in original container at cool and aired place.

Protect from direct solar radiation.

Protect from heat/overheating.



## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Additional advice on system design

Sufficient ventilation and exhaustion.

### Respiratory protection

Breathing apparatus in the event of aerosol or mist formation.

Multi-purpose filter ABEK

### Hand protection

In the cases of special applications, it is recommended to check the chemical resistance with the manufacturer of the gloves.

Glove material specification [make/type, thickness, permeation time/life, wetting resistance]: natural rubber, 0,6mm; 480min; 60min;

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

safety goggles with side protection

### Skin protection

langärmelige Arbeitskleidung

### General protective measures

Avoid contact with eyes and skin

Do not inhale gases/vapours/aerosols.

### Hygiene measures

Cloths contaminated with product should not be kept in trouser pockets.

At work do not eat, drink and smoke.

Wash hands before breaks and after work.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Form

liquid

### Colour

transparent

### Odour

product-specific

### Important health, safety and environmental information

	Value	Temperature	at	Method	Remark
<b>boiling point</b>	>= 35 °C				
<b>Flash point</b>	> 103 °C			ASTM D -3278-96	
<b>Lower explosion limit</b>	not determined				
<b>Upper explosion limit</b>	not determined				
<b>Vapour pressure</b>	< 0,013 kPa	20 °C			
<b>Density</b>	0,984 g/cm <sup>3</sup>				
<b>Solubility in water</b>	0,1 - 1 Gew-%				more or less insoluble
<b>Viscosity 1</b>	25000 cP				



## 10. STABILITY AND REACTIVITY

### Conditions to avoid

Keep away from heat.

### Materials to avoid

Reactions with strong acids.

### Hazardous decomposition products

carbon monoxide and carbon dioxide

Nitrous oxides (NO<sub>x</sub>)

Irritant gases/vapours

## 11. TOXICOLOGICAL INFORMATION

### Acute toxicity/Irritability/Sensitization

	Value/Validation	Species	Method	Remark
<b>Irritability skin</b>	irritant			
<b>Irritability eye</b>	irritant			

### Experiences made from practice

Swallowing may cause vomiting and diarrhoea.

Dust or formation of smoke irritates mucous membranes of respiratory tract.

### 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

### Waste code No.

08 04 09\*

### Name of waste

waste adhesives and sealants containing organic solvents or other dangerous substances

20 01 27\*

paint, inks, adhesives and resins containing dangerous substances

Wastes marked with an asterisk are considered to be hazardous waste pursuant to Directive 91/689/EEC on hazardous waste.

### 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.

This means that a distinction must be made between "wastes for recycling" and "wastes for disposal". Particular aspects - in the main concerning delivery - are also governed by the Laender.

### Recommendations for packaging

Empty containers can be deposited after cleaning in accordance with the local waste regulations.



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## 14. TRANSPORT INFORMATION

### Transport/further information

No hazardous material as defined by the prescriptions.

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## 15. REGULATORY INFORMATION

### Remarks for classification

The product is classified and labelled in accordance with EC directives.

### Classification

**Xi** Irritant

### R-phrases

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

### S-phrases

37/39 Wear suitable gloves and eye/face protection.

### VOC standard

VOC value 392 g/L

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## 16. OTHER INFORMATION

### Training advice

The product is intended only for the industrial/professional use.

### Recommend 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-phrases specified in chapter 3 (not the classification of the formulation!)

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