



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

Product identifier

Name of product Easy-Mix PE-PP 45 Resin (GB)
Code-Nr. 106601

Manufacturer/distributor

WEICON GmbH & Co. KG
Königsberger Straße 255, DE-48157 Münster
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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
The product is intended only for the industrial/professional use.

2. Hazards identification

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

Xi; R36/37/38

R-phrases

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

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

Remarks for labelling

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

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.

3. Composition/information on ingredients

Hazardous ingredients

CAS No	EC No	Name	[% weight]	Classification according to 67/548/EEC
108-30-5	203-570-0	succinic-anhydride	0,1 - 1	Xn R22; Xi R36/37
2455-24-5	219-529-5	Tetrahydrofurfuryl methacrylate	30 - 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. Firefighting measures

Suitable extinguishing media

Dry fire-extinguishing substance

Carbon dioxide

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 (NO_x)

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.

Short term: filter apparatus, Filter A/P2

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]: Nitrile rubber; 0,4mm; 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.

Glove material specification [make/type, thickness, permeation time/life, wetting resistance]: butyl rubber, 0,7mm; 480min

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

pasty

Colour

white

Odour

product-specific



Important health, safety and environmental information

	Value	Temperature	at	Method	Remark
pH value in delivery state					not applicable
boiling point	>= 94 °C		2,4 kPa		
Flash point	93,89 °C			ASTM D -3278-96	
Lower explosion limit	not determined				
Upper explosion limit	not determined				
Vapour pressure	< 0,013 kPa	20 °C			
Density	0,984 g/cm ³				
Solubility in water	0,1 - 1 Gew-%				more or less insoluble
Viscosity	25000 cP	23 °C			

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_x)

Irritant gases/vapours

risk of formation of toxic pyrolysis products

11. Toxicological information

Acute toxicity/Irritability/Sensitization

	Value/Validation	Species	Method	Remark
Irritability skin	irritant			
Irritability eye	irritant			

Experiences made from practice

Swallowing may cause vomiting and diarrhoea.

Possible sensitization in case of persons suffering from hypersensitivity.

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

Additional information

The product is to be handled with the caution usual with chemicals.

Other hazardous properties may not be excluded.

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.

14. Transport information

Transport/further information

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

15. Regulatory information

VOC standard

VOC value

392 g/L

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

R 22 Harmful if swallowed.

R 36/37 Irritating to eyes and respiratory system.

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