



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

Product identifier

Name of product Easy-Mix PE-PP 45 Hardener (GB)
Code-Nr. 106602

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

2. Hazards identification

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

Xi; R41
R42/43
Muta. Cat. 3; R68

R-phrases

41 Risk of serious damage to eyes.
42/43 May cause sensitization by inhalation and skin contact.
68 Possible risk of irreversible effects.

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

Remarks for labelling

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

Xn Harmful

R-phrases

41 Risk of serious damage to eyes.
42/43 May cause sensitization by inhalation and skin contact.
68 Possible risk of irreversible effects.

S-phrases

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.
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).



Hazardous ingredients for labeling

2-ethyl-2-[[3-(2-methylaziridin-1-yl)propionyl]methyl]propane-1,3-diyl bis(2-methylaziridine-1-propionate), Boron amine complex

Special rules for supplemental label elements for certain mixtures

Warning - this preparation contains a substance not yet tested completely.

Information pertaining to special dangers for human and environment

Warning - this preparation contains a substance not yet tested completely.

3. Composition/information on ingredients

Hazardous ingredients

CAS No	EC No	Name	[% weight]	Classification according to 67/548/EEC
64265-57-2	264-763-3	2-ethyl-2-[[3-(2-methylaziridin-1-yl)propionyl]methyl]propane-1,3-diyl bis(2-methylaziridine-1-propionate)	15 - 39	Xn R42; Xi R41; R43; Xn R68
223675-50-8	426-100-8	Boron amine complex	10 - 24,9	F R11; Xn R22; Xi R36; R43

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 thoroughly with plenty of water and seek medical advice.

In case of ingestion

Do not induce vomiting.

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

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.

In case of fire formation of dangerous gases possible.

Nitrogen oxides (NO_x)

Carbon monoxide (CO)

Carbon dioxide (CO₂)

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.

Use breathing apparatus with independent air supply (isolated).



Additional information

Cool endangered containers with water spray jet.
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.
Keep away sources of ignition.
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

Keep away from sources of ignition - No smoking
Take precautionary measures against static discharges.
Pay attention to general rules of internal fire prevention.

Requirements for storage rooms and vessels

Keep in closed original container.

Advice on storage compatibility

Do not store together with oxidizing agents.

Further information on storage conditions

Keep container tightly closed and store 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.

Ingredients with occupational exposure limits to be monitored

CAS No	Name	Code	[mg/m3]	[ppm]	Remark
13463-67-7	Titanium dioxide: total inhalable dust	8 hours	10		EH40/2005
13463-67-7	Titanium dioxide: respirable dust	8 hours	4		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.



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

tightly fitting goggles

Skin protection

protective clothing

General protective measures

Avoid contact with eyes and skin

Do not inhale gases/vapours/aerosols.

Hygiene measures

Clean skin thoroughly after working.

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

At work do not eat, drink and smoke.

Remove soiled or soaked clothing immediately.

Work in rooms with good ventilation.

9. Physical and chemical properties

Form

pasty

Colour

white

Odour

mild

Important health, safety and environmental information

	Value	Temperature	at	Method	Remark
pH value in delivery state	not applicable	20 °C			
boiling point	>= 93 °C				
Flash point	> 93 °C			closed cup	
Lower explosion limit	not determined				
Upper explosion limit	not determined				
Vapour pressure	<= 0,013 kPa	20 °C			
Density	1,063 g/cm3				
Solubility in water	0,1 - 1 Gew-%	20 °C			low soluble
Viscosity	49000 cP	23 °C			

10. Stability and reactivity

Conditions to avoid

Keep away from heat.

Materials to avoid

Reactions with strong acids.

Reactions with strong oxidising agents.



Hazardous decomposition products

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

11. Toxicological information

Acute toxicity/Irritability/Sensitization

	Value/Validation	Species	Method	Remark
Irritability skin	irritant	rabbit		
Irritability eye	irritant	rabbit eye		
Skin sensitization	sensitizing	Guinea pig		
Sensitization respiratory system	sensitizing			

Experiences made from practice

Swallowing may cause vomiting and diarrhoea.
Sensitization through inhalation possible.
Sensitization through skin contact possible.

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.

07 02 04*

Name of waste

other organic solvents, washing liquids and mother liquors

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.
Product rests: send for disposal, e.g. special waste incineration.

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 65 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 11 Highly flammable.
- R 22 Harmful if swallowed.
- R 36 Irritating to eyes.
- R 38 Irritating to skin.
- R 41 Risk of serious damage to eyes.
- R 42/43 May cause sensitization by inhalation and skin contact.
- R 43 May cause sensitisation by skin contact.
- R 68 Possible risk of irreversible effects.