



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

Product identifier

Name of product RK-7000 Hardener (GB)
Code-Nr. 105652

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

F; R11
Xi; R37/38
R43

R-phrases

11 Highly flammable.
37/38 Irritating to respiratory system and skin.
43 May cause sensitisation by 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/German regulations on dangerous substances.

F Highly flammable
Xi Irritant

R-phrases

11 Highly flammable.
37/38 Irritating to respiratory system and skin.
43 May cause sensitisation by skin contact.

S-phrases

1/2 Keep locked up and out of the reach of children.
16 Keep away from sources of ignition - No smoking.
23 Do not breathe vapour.
26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
29/56 Do not empty into drains, dispose of this material and its container at hazardous or special waste collection point.



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
methyl methacrylate

3. Composition/information on ingredients

Hazardous ingredients

| CAS No | EC No | Name | [% weight] | Classification according to 67/548/EEC |
|---------|-----------|---------------------|------------|--|
| 80-62-6 | 201-297-1 | methyl methacrylate | 50 - 70 | F R11; Xi R37/38; 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 immediately 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.

Medical treatment.

If swallowed give water to drink.

Treatment (Advice to doctor)

Dexamehason dosing aerosol spray (e.g. Auxiloson), paraffinum subliquidum

5. Firefighting measures

Suitable extinguishing media

Foam

Dry powder

Carbon dioxide

Dry sand

water mist

Extinguishing media which must not be used for safety reasons

Full water jet

Special hazards arising from the substance or mixture

Risk of formation of toxic pyrolyse products.

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

Special protective equipment for fire-fighters

Use breathing apparatus with independent air supply.

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.
Keep away sources of ignition.

Environmental precautions

Do not discharge into the drains or bodies of water..
Do not discharge into the subsoil/soil.

Methods for cleaning up

Take up with absorbent material (e.g. sand, kieselguhr, acid binder, general-purpose binder, sawdust).
After taking up the material dispose according to regulation.

Additional Information

Informations for personal protective equipment see chapter 8.

7. Handling and storage

Advice on safe handling

Keep container tightly closed.
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

Only use containers that are approved specifically for the substance/product.

Advice on storage compatibility

Do not store with combustible materials.

Further information on storage conditions

Keep container tightly closed and store at cool and aired place.
Store only at temperature of 40°C maximum (=104°F).
Protect from direct solar radiation.
Store in a dry place.

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/m ³] | [ppm] | Remark |
|---------|---------------------|------------|----------------------|-------|-----------|
| 80-62-6 | Methyl methacrylate | 8 hours | 208 | 50 | EH40/2005 |
| | | Short-term | 416 | 100 | |

Indicative occupational exposure limit values (91/322/EEC, 2000/39/EC, 2006/15/EC or 2009/161/EU)

| CAS No | Name | Code | [mg/m ³] | [ppm] | Remark |
|---------|---------------------|------------|----------------------|-------|--------|
| 80-62-6 | methyl-methacrylate | 8 hours | | 50 | |
| | | Short-term | | 100 | |

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.



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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

Do not inhale gases/vapours/aerosols.

Hygiene measures

At work do not eat, drink, smoke or take drugs.

Remove soiled or soaked clothing immediately.

Wash hands and skin before breaks and after work.

9. Physical and chemical properties

Form

liquid

Colour

various, depending on coloration

Odour

pungent

Important health, safety and environmental information

| | Value | Temperature | at | Method | Remark |
|----------------------------|----------------------------|-------------|----|--------|-------------------|
| Flash point | 10,6 °C | | | | |
| Density | 0,94 - 1 g/cm ³ | 20 °C | | | |
| Solubility in water | | | | | partially soluble |

10. Stability and reactivity

Conditions to avoid

Evolution of heat.

Materials to avoid

Reactions with oxidising agents.

Hazardous decomposition products

Carbon monoxide and carbon dioxide.

Toxic gases/vapours

11. Toxicological information

Acute toxicity/Irritability/Sensitization

| | Value/Validation | Species | Method | Remark |
|---------------------------|------------------|------------|--------|--------|
| Irritability skin | corrosive | rabbit | | |
| Irritability eye | corrosive | rabbit eye | | |
| Skin sensitization | sensitizing | Guinea pig | | |



Experiences made from practice

Long-term skin contact with vapours may cause skin irritation or sensitization.

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

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.

Recommendations for packaging

Dispose of according to the local waste regulations.

14. Transport information

Land and inland navigation transport ADR/RID

UN 1133 ADHESIVES, 3, III, (D/E), Special provisions 640E, Classification code: F1

Marine transport IMDG

UN 1133 ADHESIVES, 3, III

Air transport ICAO/IATA-DGR

UN 1133 Adhesives, 3, II

Transport/further information

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

15. Regulatory information

VOC standard

VOC content 1,18 %

VOC value 1,12 g/L

16. Other information

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.



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