



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

Product identifier

Name of product Urethane Hardener 80 (GB)
Code-Nr. 105104

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; R22

R43

N; R50/53

R-phrases

22

Harmful if swallowed.

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.

Xn Harmful

N Dangerous for the environment

R-phrases

22

Harmful if swallowed.

43

May cause sensitisation by skin contact.

50/53

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

S-phrases

23

Do not breathe vapour.

24/25

Avoid contact with skin and eyes.

29/56

Do not empty into drains, dispose of this material and its container at hazardous or special waste collection point.

37

Wear suitable gloves.

61

Avoid release to the environment. Refer to special instructions/safety data sheets.



Hazardous ingredients for labeling

6-methyl-2,4-bis(methylthio)phenylene-1,3-diamine

3. Composition/information on ingredients

Hazardous ingredients

CAS No	EC No	Name	[% weight]	Classification according to 67/548/EEC
106264-79-3	403-240-8	6-methyl-2,4-bis(methylthio)phenylene-1,3-diamine	25 - 50	Xn R22; R43; N R50-53

4. First aid measures

General information

Remove contaminated soaked clothing immediately.

In case of inhalation

Ensure of fresh air.
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.
Call for a doctor immediately.
Rinse out mouth and give plenty of water to drink.

5. Firefighting measures

Suitable extinguishing media

Alcohol-resistant foam
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.
Ammonia
Nitrogen oxides (NO_x)
Carbon monoxide (CO)
Carbon dioxide (CO₂)

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

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.

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

Pay attention to general rules of internal fire prevention.

Requirements for storage rooms and vessels

Keep in closed original container.

Further information on storage conditions

Protect from atmospheric moisture and water

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.

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.

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
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Important health, safety and environmental information

	Value	Temperature	at	Method	Remark
boiling point	> 200 °C			DIN 53171	
Flash point	> 150 °C			closed cup	
Density	1 g/cm ³	20 °C		ISO 2811	
Solubility in water					immiscible
Viscosity dynamic	45 mPa*s	25 °C		ISO 9371	

10. Stability and reactivity

Conditions to avoid

Water

Materials to avoid

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

Hazardous decomposition products

Carbon monoxide and carbon dioxide.
Nitrous oxides (NO_x)
Ammonia

11. Toxicological information

Acute toxicity/Irritability/Sensitization

	Value/Validation	Species	Method	Remark
Irritability skin	non-irritant	rabbit		
Irritability eye	non-irritant	rabbit eye		
Skin sensitization	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

Toxic to fishes.

Do not allow uncontrolled leakage of product into the environment.

Product is not allowed to be discharged into the ground water or aquatic environment.

Product is not allowed to be discharged into aquatic environment, drains or sewage treatment plants.

13. Disposal considerations

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

Dispose of according to the local waste regulations.

14. Transport information

Land and inland navigation transport ADR/RID

UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (6-methyl-2,4-bis(methylthio)phenylene-1,3-diamine), 9, III, (E), Classification code: M6

Marine transport IMDG

UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (6-methyl-2,4-bis(methylthio)phenylene-1,3-diamine), 9, III, MARINE POLLUTANT

Air transport ICAO/IATA-DGR

UN 3082 Environmentally hazardous substance, liquid, n.o.s. (6-methyl-2,4-bis(methylthio)phenylene-1,3-diamine), 9, III

Transport/further information

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

15. Regulatory information

VOC standard

VOC content 0,2 %

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.

Listed in: EINECS; TSCA; DSL; AICS; KECI (KR); ENCS (JP).

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

R 22 Harmful if swallowed.

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.