

Safety Data Sheet

according to Regulation (EC) No 1907/2006

Koropox Comp. A

Print date: 16.08.2016

Product code: 112

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SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Koropox Comp. A

Further trade names

Koropox Comp. A

1.2. Relevant identified uses of the substance or mixture and uses advised against

1.3. Details of the supplier of the safety data sheet

Company name:	KORODUR	
	Westphal Hartbeton GmbH & Co. KG	
Street:	Hohensteinstraße 19	
Place:	D-44866 Bochum- Wattenscheid	
Telephone:	+49(0)2327/94570	Telefax: +49(0)2327/321084
e-mail:	info@korodur.de	
Contact person:	Sander	Telephone: +49(0)2327/9457-17
e-mail:	f.sander@korodur.de	
Internet:	www.korodur.de	

1.4. Emergency telephone number: +49(0)2327/94570

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Hazard categories:
Skin corrosion/irritation: Skin Irrit. 2
Serious eye damage/eye irritation: Eye Irrit. 2
Respiratory/skin sensitization: Skin Sens. 1
Hazardous to the aquatic environment: Aquatic Chronic 1
Hazard Statements:
Causes serious eye damage.
Causes skin and eye irritation.
Toxic to aquatic life with long lasting effects.

2.2. Label elements

Hazardous components which must be listed on the labelepoxy resin (number average molecular weight \leq 700), reaction product: bisphenol-A-(epichlorhydrin)

Signal word: Danger

Pictograms: GHS07-GHS09

**Hazard statements**

H318	Causes serious eye damage.
H315+H320	Causes skin and eye irritation.
H411	Toxic to aquatic life with long lasting effects.

Precautionary statements

P337+P313	If eye irritation persists: Get medical advice/attention.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if

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present and easy to do. Continue rinsing.

Wear protective gloves/protective clothing/eye protection/face protection.

SECTION 3: Composition/information on ingredients**3.2. Mixtures****Hazardous components**

EC No	Chemical name	Quantity
CAS No	Classification according to Directive 67/548/EEC	
Index No	Classification according to Regulation (EC) No. 1272/2008 [CLP]	
REACH No		
500-033-5	epoxy resin (number average molecular weight <= 700), reaction product: bisphenol-A-(epichlorhydrin)	30 - 100 %
25068-38-6	Xi - Irritant, N - Dangerous for the environment R36/38-43-51-53	
603-074-00-8	Eye Irrit. 2, Skin Irrit. 2, Skin Sens. 1, Aquatic Chronic 2; H319 H315 H317 H411	
219-553-6	2-Ethylhexylglycidylether	10 - 25 %
2461-15-6	Xi - Irritant, N - Dangerous for the environment R36/38-43-51-53	
	Skin Irrit. 2, Eye Irrit. 2, Skin Sens. 1, Aquatic Chronic 2; H315 H319 H317 H411	

Full text of R-, H- and EUH-phrases: see section 16.

SECTION 4: First aid measures**4.1. Description of first aid measures****After inhalation**

Provide fresh air. Seek medical advice. If victim is at risk of losing consciousness, position and transport on their side.

After contact with skin

After contact with skin, wash immediately with plenty of water and soap. In case of skin irritation, seek medical treatment.

After contact with eyes

In case of contact with eyes, rinse immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart. Subsequently consult an ophthalmologist.

After ingestion

If accidentally swallowed rinse the mouth with plenty of water (only if the person is conscious) and obtain immediate medical attention.

4.2. Most important symptoms and effects, both acute and delayed

[-]

4.3. Indication of any immediate medical attention and special treatment needed

[-]

SECTION 5: Firefighting measures**5.1. Extinguishing media****Suitable extinguishing media**

Water. Carbon dioxide (CO₂). Extinguishing powder. Extinguishing materials should be selected according to the surrounding area.

5.3. Advice for firefighters

In case of fire: Wear self-contained breathing apparatus.

Additional information

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.



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SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Wear personal protection equipment.

6.2. Environmental precautions

Do not empty into drains or the aquatic environment. In case of gas being released or leakage into waters, ground or the drainage system, the appropriate authorities must be informed.

6.3. Methods and material for containment and cleaning up

Suitable material for diluting or neutralizing: sand sawdust. Universal binding agent. Provide adequate ventilation.

6.4. Reference to other sections

See protective measures under point 7 and 8.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

In case of open handling equipment with built-in suction must be used. Keep container tightly closed in a cool, well-ventilated place.

Advice on protection against fire and explosion

No special fire protection measures are necessary.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Handle and open container with care. Keep/Store only in original container. Protect against: heat. frost. Do not store together with: Food and animal feedingstuff

Further information on storage conditions

Keep container tightly closed and in a well-ventilated place.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Additional advice on limit values

refer to chapter 7. No further action is necessary.

8.2. Exposure controls

Protective and hygiene measures

Take off immediately all contaminated clothing. Wash hands before breaks and at the end of work. Avoid contact with skin, eye and clothing.

Eye/face protection

Tightly sealed safety glasses.

Hand protection

Tested protective gloves are to be worn: Butyl rubber. NR (Natural rubber (Caoutchouc), Natural latex).

Skin protection

Protective clothing: Chemical resistant safety shoes.

Respiratory protection

With correct and proper use, and under normal conditions, breathing protection is not required.

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SECTION 9: Physical and chemical properties**9.1. Information on basic physical and chemical properties**

Physical state: liquid:
Colour: colourless
Odour: characteristic

Test method**Changes in the physical state**

Melting point: > 100 °C

Explosive properties

not explosive.

Ignition temperature: 210 °C

Density (at 20 °C): 1,12 g/cm³ ISO 2811, part 2 g/cm³

Water solubility: not miscible

Viscosity / dynamic:
(at 20 °C) 380 mPa·s**9.2. Other information**

Solid content: 100 %

SECTION 10: Stability and reactivity**10.3. Possibility of hazardous reactions**

Polymerization.

10.6. Hazardous decomposition products

Gas/vapours, irritant.

SECTION 11: Toxicological information**11.1. Information on toxicological effects****Toxicokinetics, metabolism and distribution**

After skin contact: sensitizing. Irritating to respiratory system.

ATEmix tested

	Dose	Species	Source
LD50, oral	>5000 mg/kg	(rat)	
LD50, dermal	>2000 mg/kg	(rabbit)	

Irritation and corrosivity

After skin contact: irritant.

Sensitising effects

After skin contact: sensitizing.

SECTION 12: Ecological information**12.1. Toxicity**

If product enters soil, it will be mobile and may contaminate groundwater

Further informationToxic to aquatic organisms.
Toxic for Fish.

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SECTION 13: Disposal considerations**13.1. Waste treatment methods****Advice on disposal**

Carry out a burning of hazardous waste according to official regulations.

Waste disposal number of waste from residues/unused products

080409 WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS; wastes from MFSU of adhesives and sealants (including waterproofing products); waste adhesives and sealants containing organic solvents or other dangerous substances
Classified as hazardous waste.

SECTION 14: Transport information**Land transport (ADR/RID)**

14.1. UN number:	UN 3082
14.2. UN proper shipping name:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. epoxy resin (number average molecular weight \leq 700), reaction product: bisphenol-A-(epichlorhydrin)
14.3. Transport hazard class(es):	9
14.4. Packing group:	III
Hazard label:	9
Classification code:	M6
Special Provisions:	274 335 601
Limited quantity:	5 L
Excepted quantity:	E1
Transport category:	3
Hazard No:	90
Tunnel restriction code:	E

Inland waterways transport (ADN)

14.1. UN number:	UN 3082
14.2. UN proper shipping name:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. epoxy resin (number average molecular weight \leq 700), reaction product: bisphenol-A-(epichlorhydrin)
14.3. Transport hazard class(es):	9
14.4. Packing group:	III
Hazard label:	9
Classification code:	M6
Special Provisions:	274 335 601
Limited quantity:	5 L
Excepted quantity:	E1

Marine transport (IMDG)

14.1. UN number:	UN 3082
14.2. UN proper shipping name:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
14.3. Transport hazard class(es):	9
14.4. Packing group:	III
Hazard label:	9
Marine pollutant:	Yes

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Special Provisions: 274, 335
Limited quantity: 5 L
Excepted quantity: E1
EmS: F-A, S-F

Air transport (ICAO)

14.1. UN number: UN 3082
14.2. UN proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
14.3. Transport hazard class(es): 9
14.4. Packing group: III
Hazard label: 9
Special Provisions: A97 A158
Limited quantity Passenger: 30 kg G
Passenger LQ: Y964
Excepted quantity: E1
IATA-packing instructions - Passenger: 964
IATA-max. quantity - Passenger: 450 L
IATA-packing instructions - Cargo: 964
IATA-max. quantity - Cargo: 450 L

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: yes

SECTION 15: Regulatory information**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****National regulatory information**

Employment restrictions: Observe employment restrictions for young people. Observe employment restrictions for child bearing mothers and nursing.
Water contaminating class (D): 2 - water contaminating

SECTION 16: Other information**Relevant R-phrases (Number and full text)**

36/38 Irritating to eyes and skin.
43 May cause sensitisation by skin contact.
51 Toxic to aquatic organisms.
53 May cause long-term adverse effects in the aquatic environment.

Relevant H- and EUH-phrases (Number and full text)

H315 Causes skin irritation.
H315+H320 Causes skin and eye irritation.
H317 May cause an allergic skin reaction.
H318 Causes serious eye damage.
H319 Causes serious eye irritation.
H411 Toxic to aquatic life with long lasting effects.

Further Information

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.



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(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)