Safety Data Sheet

according to UK REACH Regulation

Contopp - Duremit X70

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

1.1. Product identifier

Contopp - Duremit X70

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

Use of the substance/mixture

Building and construction work.
Building and construction preparations not covered elsewhere.

1.3. Details of the supplier of the safety data sheet

Company name:	KNOPP GmbH	
Street:	Adolf - Oesterheld - Straße 1	
Place:	D-97337 DETTELBACH	
Post-office box:	1180 D-97337 DETTELBACH	
Telephone:	+49(0)932491990	Telefax: +49(0)9324919966
E-mail:	info@knopp-chemie.com	
Contact person:	Wolfgang Schnabel	
Internet:	www.knopp-chemie.com	

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to GB CLP Regulation

This mixture is not classified as hazardous in accordance with Regulation (EC) No 1272/2008.

2.2. Label elements

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Chemical characterization

waterborne, melamine anionic polymer

Further Information

Preparation related information
Polymer preparations and compounds: The substance does not need registration in accordance with REACH, Annex IV and V.

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

In all cases of doubt, or when symptoms persist, seek medical advice.
Never give anything by mouth to an unconscious person or a person with cramps.
If unconscious but breathing normally, place in recovery position and seek medical advice.

After inhalation

Provide fresh air. Remove casualty to fresh air and keep warm and at rest.
In case of irregular breathing or respiratory arrest provide artificial respiration.

After contact with skin

Wash with plenty of water. Change contaminated clothing.
Wash with plenty of water/.?.
Do not wash with: Solvent/Thinner.

After contact with eyes

Rinse immediately carefully and thoroughly with eye-bath or water. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Seek medical advice immediately.

After ingestion

Rinse mouth immediately and drink plenty of water. If swallowed, rinse mouth with water (only if the person is conscious).
Call a physician immediately.
Put victim at rest, cover with a blanket and keep warm.
Do NOT induce vomiting.
Caution if victim vomits: Risk of aspiration!

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Co-ordinate fire-fighting measures to the fire surroundings. alcohol resistant foam. Carbon dioxide. Powder. Water fog.

Extinguishing media which must not be used for safety reasons

High power water jet.

5.2. Special hazards arising from the substance or mixture

The product itself does not burn. Burning produces heavy smoke.
Danger of serious damage to health by prolonged exposure.
Use appropriate respiratory protection.

5.3. Advice for firefighters

In case of fire: Wear self-contained breathing apparatus. Use water spray jet to protect personnel and to cool endangered containers.
Do not allow water used to extinguish fire to enter drains or waterways.

Additional information

Suppress gases/vapours/mists with water spray jet. Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Provide adequate ventilation. Avoid breathing dust/fume/gas/mist/vapours/spray.
See protective measures under point 7 and 8.

6.2. Environmental precautions

Do not allow to enter into surface water or drains. Do not allow to enter into surface water or drains.
In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.

6.3. Methods and material for containment and cleaning up

Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents). Treat the recovered material as prescribed in the section on waste disposal. Prevent spread over a wide area (e.g. by containment or oil barriers). Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents).
Collect in closed containers for disposal.
Clean with detergents. Avoid solvent cleaners.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Avoid contact with skin, eyes and clothes. Avoid breathing dust/fume/gas/mist/vapours/spray. When

using do not eat, drink or smoke. Wear personal protection equipment.

Never use pressure to empty container. Keep/Store only in original container.

Do not allow to enter into surface water or drains.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep container tightly closed.

Hints on joint storage

Do not store together with: Oxidizing agents. Strong acid, strong alkalis

Further information on storage conditions

storage temperature: +5 - +30 °C
Keep container tightly closed and in a well-ventilated place. Keep container dry.
When using do not smoke.
Access is only to be granted to authorised personal.
Always close containers tightly after the removal of product.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure limits (EH40)

CAS No	Substance	ppm	mg/m³	fibres/ml	Category	Origin
107-21-1	Ethane-1,2-diol, vapour	20	52		TWA (8 h)	WEL
		40	104		STEL (15 min)	WEL

8.2. Exposure controls

Occupational exposure controls

Provide adequate ventilation.
If handled uncovered, arrangements with local exhaust ventilation should be used if possible.

Protective and hygiene measures

Change contaminated clothing. Wash hands before breaks and after work. When using do not eat or drink.

Respiratory protection

not applicable

Hand protection

Suitable material:
In case of prolonged or frequently repeated skin contact: NBR (Nitrile rubber).
penetration time (maximum wearing period): 0,5 h

See information supplied by the manufacturer.

Protective gloves have to be replaced at the first sign of deterioration.
Protect skin by using skin protective cream.

Eye protection

Wear eye/face protection.

Skin protection

not applicable

Environmental exposure controls

Do not allow to enter into surface water or drains.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state:	liquid
Colour:	orange - brown
Odour:	characteristic

		Test method
pH-Value (at 20 °C):	9,0	
Changes in the physical state		
Melting point/freezing point:	0 °C	
Boiling point or initial boiling point and boiling range:	100 °C	
Flash point:		DIN 53213
Flammability		
Solid:	not applicable	
Explosive properties		
not relevant		
Lower explosion limits:		
Upper explosion limits:		
Auto-ignition temperature:	not applicable	
Self-ignition temperature		
Solid:	not relevant	
Gas:	not relevant	
Oxidizing properties		
Not oxidizing.		
Density (at 20 °C):	1,06 g/cm³	DIN 53217
Bulk density:	not applicable	
Water solubility:	completely miscible	

9.2. Other information

SECTION 10: Stability and reactivity

10.1. Reactivity

No hazardous reactions when handling and storage.

10.2. Chemical stability

No decomposition if stored and handled correctly.

10.3. Possibility of hazardous reactions

Exothermic reactions with: Oxidizing agents. Strong acid, strong alkalis

10.4. Conditions to avoid

In case of warming: Thermal decomposition.

10.6. Hazardous decomposition products

Carbon monoxide Carbon dioxide. Nitrogen oxides (NOx).

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity

Acute toxicity, oral
LD50: > 5000 mg/kg
OECD 401
species: Rat.

Irritation and corrosivity

Irritant effect on the eye: Not an irritant.
species: Rabbit.
Method: OECD 405

Sensitising effects

species: Guinea-pig.
Method: OECD 406.
Evaluation: no danger of sensitization.

Additional information on tests

The classification was carried out according to the calculation method of the Preparations Directive (1999/45/EC).

Further information

There are no data available on the preparation/mixture itself.
The preparation is not dangerous in the sense of Directive 1999/45/EC.
Data apply to technical substance.

SECTION 12: Ecological information

12.1. Toxicity

Aquatic toxicity
EC10:
species: Pseudomonas putida
1800 mg/l

LC50:
Exposure time: 48 h
species: Leuciscus idus (golden orfe)
> 560 mg/l

12.2. Persistence and degradability

> 70 %
OECD 302B / ISO 9888 / EEC 88/302 annex V, C.9

12.3. Bioaccumulative potential

No information available.

Further information

The classification was carried out according to the calculation method of the Preparations Directive (1999/45/EC). There are no data available on the preparation/mixture itself.
Do not allow to enter into surface water or drains.
The information about ecology refers to the active component.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal recommendations

Do not allow to enter into surface water or drains. Dispose of waste according to applicable legislation.
Do not allow to enter into surface water or drains.
Remove according to the regulations.

Contaminated packaging

Water (with cleaning agent). Completely emptied packages can be recycled. Completely emptied

packages can be recycled.
Remove according to the regulations.

SECTION 14: Transport information

Land transport (ADR/RID)

14.1. UN number: -

14.2. UN proper shipping name: -

14.3. Transport hazard class(es): -

14.4. Packing group: -

Other applicable information (land transport)

No dangerous good in sense of this transport regulation.

Inland waterways transport (ADN)

14.1. UN number: -

14.2. UN proper shipping name: -

14.3. Transport hazard class(es): -

14.4. Packing group: -

Other applicable information (inland waterways transport)

No dangerous good in sense of this transport regulation.

Marine transport (IMDG)

14.1. UN number: -

14.2. UN proper shipping name: -

14.3. Transport hazard class(es): -

14.4. Packing group: -

Other applicable information (marine transport)

No dangerous good in sense of this transport regulation.

Air transport (ICAO-TI/IATA-DGR)

14.1. UN number: -

14.2. UN proper shipping name: -

14.3. Transport hazard class(es): -

14.4. Packing group: -

Other applicable information (air transport)

No dangerous good in sense of this transport regulation.

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: No

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

not applicable

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

EU regulatory information

Additional information

According to EC directives or the corresponding national regulations the product does not have to be labelled.

National regulatory information

Water hazard class (D):	1 - slightly hazardous to water

SECTION 16: Other information

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.

* Data changed compared with the previous version.

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