



BE SURE. BUILD SURE.

Page 1/14

Safety data sheet according to Regulation (EC) No 1907/2006, Article 31

Printing date 12.04.2024

Version number 47 (replaces version 46)

Revision: 12.04.2024

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

1.1 Product identifier

Trade name **Konudur Flexfit - Komponente B**

Article number: 4306

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

No further relevant information available.

Application of the substance / the mixture

Polyurethane lacquer
Hardening agent/ Curing agent

1.3 Details of the supplier of the safety data sheet

Manufacturer/Supplier: MC-Bauchemie Müller GmbH & Co. KG
Am Kruppwald 1-8
D-46238 Bottrop
Tel.: +49(0)2041-101-0
Fax.: +49(0)2041-101-400
E-Mail: info@mc-bauchemie.de

MC-Bauchemie AG
Hagackerstr. 10
CH-8953 Dietikon
Tel.: +44-7400510
Fax : +44-7400533

Informing department: msds@mc-bauchemie.de

1.4 Emergency telephone number:

Tel.: +49 / (0)700 24112112 (MCR)
Tel.: +1 872 5888271 (MCR)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

Acute Tox. 4 H332 Harmful if inhaled.

Eye Dam. 1 H318 Causes serious eye damage.

Skin Sens. 1 H317 May cause an allergic skin reaction.

STOT SE 3 H335 May cause respiratory irritation.

STOT RE 1 H372 Causes damage to the lung through prolonged or repeated exposure.
Route of exposure: Inhalation.

Aquatic Chronic 3 H412 Harmful to aquatic life with long lasting effects.

2.2 Label elements

Labelling according to

Regulation (EC) No 1272/2008 The product is classified and labelled according to the GB CLP regulation.

(Contd. on page 2)

GB



BE SURE. BUILD SURE.

Page 2/14

Safety data sheet according to Regulation (EC) No 1907/2006, Article 31

Printing date 12.04.2024

Version number 47 (replaces version 46)

Revision: 12.04.2024

Trade name Konudur Flexfit - Komponente B

(Contd. of page 1)

· **Hazard pictograms**



GHS05 GHS07 GHS08

· **Signal word**

Danger

· **Hazard-determining components of labelling:**

Aliphatisches Polyisocyanat
[3-(2,3-epoxypropoxy)propyl]trimethoxysilane
crystalline silica
aliphatic polyisocyanate 1
aliphatic polyisocyanate 2
Hexamethylendiisocyanat, Oligomerisationsprodukt (Uretdion Typ)
Aliphatisches Polyisocyanat 3
hexamethylene diisocyanate
trimethoxyvinylsilane

· **Hazard statements**

H332 Harmful if inhaled.
H318 Causes serious eye damage.
H317 May cause an allergic skin reaction.
H335 May cause respiratory irritation.
H372 Causes damage to the lung through prolonged or repeated exposure. Route of exposure: Inhalation.
H412 Harmful to aquatic life with long lasting effects.

· **Precautionary statements**

P260 Do not breathe dust/fume/gas/mist/vapours/spray.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310 Immediately call a POISON CENTER/doctor.
P321 Specific treatment (see on this label).
P362+P364 Take off contaminated clothing and wash it before reuse.
P403+P233 Store in a well-ventilated place. Keep container tightly closed.

· **Additional information:**

EUH401 To avoid risks to human health and the environment, comply with the instructions for use.
EUH204 Contains isocyanates. May produce an allergic reaction.
As from 24 August 2023 adequate training is required before industrial or professional use.

· **2.3 Other hazards**

· **Results of PBT and vPvB assessment**

· **PBT:** Not applicable.

· **vPvB:** Not applicable.

GB

(Contd. on page 3)



BE SURE. BUILD SURE.

Safety data sheet
according to Regulation (EC) No 1907/2006, Article 31

Printing date 12.04.2024

Version number 47 (replaces version 46)

Revision: 12.04.2024

Trade name Konudur Flexfit - Komponente B

(Contd. of page 2)

SECTION 3: Composition/information on ingredients

· **3.2 Mixtures**

· **Description:**

Mixture consisting of the following components.

· **Dangerous components:**

| | | |
|--|--|-------------|
| CAS: 14808-60-7 | crystalline silica STOT RE 1, H372 | 10-30% |
| CAS: 28182-81-2 | Aliphatisches Polyisocyanat Acute Tox. 4, H332; Skin Sens. 1, H317; STOT SE 3, H335, EUH204 | ≥20-≤30% |
| CAS: 164250-92-4 | aliphatic polyisocyanate 1 Aquatic Chronic 2, H411; Acute Tox. 4, H332; Skin Sens. 1B, H317; STOT SE 3, H335 | ≥10-<20% |
| CAS: 29891-05-2 | aliphatic polyisocyanate 2 Aquatic Chronic 2, H411; Acute Tox. 4, H332; Skin Sens. 1B, H317; STOT SE 3, H335 | ≥2.5-<10% |
| CAS: 28182-81-2 EC number: 931-297-3 Reg.nr.: :01-2119488934-20-0000 | Hexamethylendiisocyanat, Oligomerisationsprodukt (Uretidion Typ) Acute Tox. 4, H332; Skin Sens. 1, H317; STOT SE 3, H335 | ≥1-<5% |
| CAS: 2530-83-8 EINECS: 219-784-2 | [3-(2,3-epoxypropoxy)propyl]trimethoxysilane Eye Dam. 1, H318 | ≥3-<5% |
| CAS: 1809331-98-3 | Aliphatisches Polyisocyanat 3 Aquatic Chronic 2, H411; Acute Tox. 4, H332; Skin Sens. 1B, H317; STOT SE 3, H335 | ≥0.25-<0.5% |
| CAS: 2768-02-7 EINECS: 220-449-8 | trimethoxyvinylsilane Flam. Liq. 3, H226; STOT RE 2, H373; Skin Sens. 1B, H317 | ≥0.1-<0.5% |
| CAS: 822-06-0 EINECS: 212-485-8 Reg.nr.: 01-2119457571-37-0000 | hexamethylene diisocyanate Acute Tox. 3, H331; Resp. Sens. 1, H334; Acute Tox. 4, H302; Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1, H317; STOT SE 3, H335, EUH204 Specific concentration limits: Resp. Sens. 1; H334: C ≥ 0.5 % Skin Sens. 1; H317: C ≥ 0.5 % | ≥0.1-<0.5% |

· **Additional information**

For the wording of the listed hazard phrases refer to section 16.

SECTION 4: First aid measures

· **4.1 Description of first aid measures**

· **General information**

Remove soiled, soaked clothing immediately.

· **After inhalation**

Remove person to fresh air, keep warm, allow to rest; if breathing is difficult, seek medical attention.

· **After skin contact**

In case of contact with skin, wash carefully with plenty of soap and water. Consult a doctor in case of skin reactions.

(Contd. on page 4)



BE SURE. BUILD SURE.

Page 4/14

Safety data sheet according to Regulation (EC) No 1907/2006, Article 31

Printing date 12.04.2024

Version number 47 (replaces version 46)

Revision: 12.04.2024

Trade name Konudur Flexfit - Komponente B

(Contd. of page 3)

- **After eye contact** *Rinse the eyes with open eyelids for a sufficiently long time (at least 10 minutes) with water that is as lukewarm as possible. Consult an ophthalmologist.*
- **After swallowing** *Do NOT induce vomiting. Rinse mouth with water. Medical attention required.*
- **4.2 Most important symptoms and effects, both acute and delayed** *Advice for the doctor: Elementary aid, decontamination, symptomatic treatment.*
- **4.3 Indication of any immediate medical attention and special treatment needed** *Therapeutic measures: No information available.*

SECTION 5: Firefighting measures

- **5.1 Extinguishing media**
- **Suitable extinguishing agents** *Use fire fighting measures that suit the environment.*
- **5.2 Special hazards arising from the substance or mixture**
 - Can be released in case of fire*
 - Carbon monoxide (CO)*
 - Nitrogen oxides (NO_x)*
 - Under certain fire conditions, traces of other toxic gases cannot be excluded, e.g.:*
 - Hydrogen cyanide (HCN)*
- **5.3 Advice for firefighters**
- **Protective equipment:** *Wear self-contained breathing apparatus.*

SECTION 6: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures** *Ensure adequate ventilation*
Use breathing protection against the effects of fumes/dust/aerosol.
- **6.2 Environmental precautions:** *Prevent material from reaching sewage system, holes and cellars.*
- **6.3 Methods and material for containment and cleaning up:** *Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).*
Dispose of contaminated material as waste according to item 13.
Ensure adequate ventilation.
- **6.4 Reference to other sections**
 - See Section 7 for information on safe handling*
 - See Section 8 for information on personal protection equipment.*
 - See Section 13 for information on disposal.*

GB

(Contd. on page 5)



BE SURE. BUILD SURE.

Page 5/14

Safety data sheet according to Regulation (EC) No 1907/2006, Article 31

Printing date 12.04.2024

Version number 47 (replaces version 46)

Revision: 12.04.2024

Trade name **Konudur Flexfit - Komponente B**

(Contd. of page 4)

SECTION 7: Handling and storage

· 7.1 Precautions for safe handling

Ensure sufficient air exchange and/or extraction in the work areas. Air extraction is required for spray application. For solid products: Avoid dust formation and dust deposits. Air limit values mentioned in section 8 must be monitored. At workplaces where isocyanate aerosols and/or vapours can occur in higher concentrations, targeted air extraction must be used to prevent the occupational hygiene limit value from being exceeded. The air must be moved away from people. For products containing solvents: Explosion protection required. The personal protective measures described in section 8 must be observed. The protective measures required when handling isocyanates must be observed. Avoid contact with skin and eyes and inhalation of vapours. Keep away from food and beverages. Wash hands before breaks and at the end of work and apply skin protection ointment. Store work clothes separately. Remove soiled, soaked clothing immediately.

· Information about protection against explosions and fires:

Keep ignition sources away - do not smoke. Protect from heat. Do not store near heat sources.

· 7.2 Conditions for safe storage, including any incompatibilities

Keep container dry and tightly closed. Further information on the storage conditions that must be observed for quality assurance reasons can be found in our technical data sheet.

· Storage

· Requirements to be met by storerooms and containers:

Keep tightly closed in original packaging. Ventilate storage rooms well. Carefully close opened containers and store upright to prevent any leakage.

Storage temperature $>5^{\circ}\text{C}$ and $<30^{\circ}\text{C}$

· Information about storage in one common storage facility:

May be stored together with hazardous substances of other classes up to 200 kg.

· Further information about storage conditions:

Protect from heat and direct sunlight.

· Storage class

10

· 7.3 Specific end use(s)

No further relevant information available.

GB

(Contd. on page 6)



BE SURE. BUILD SURE.

Safety data sheet
according to Regulation (EC) No 1907/2006, Article 31

Printing date 12.04.2024

Version number 47 (replaces version 46)

Revision: 12.04.2024

Trade name Konudur Flexfit - Komponente B

(Contd. of page 5)

SECTION 8: Exposure controls/personal protection

· **8.1 Control parameters**

· **Components with critical values that require monitoring at the workplace:**

CAS: 822-06-0 hexamethylene diisocyanate

| | |
|-----|--|
| WEL | Short-term value: 0.07 mg/m ³ |
| | Long-term value: 0.02 mg/m ³ |
| | Sen; as -NCO |

· **DNELs**

CAS: 28182-81-2 Aliphatisches Polyisocyanat

| | | |
|------------|------|---|
| Inhalative | DNEL | 0.5 mg/m ³ (Workers) (long term local) |
| | | 1 mg/m ³ (kei) (acute local eff) |

CAS: 28182-81-2 Hexamethylendiisocyanat, Oligomerisationsprodukt (Uretidion Typ)

| | | |
|------------|------|---|
| Inhalative | DNEL | 0.5 mg/m ³ (Workers) (long term local) |
| | | 1 mg/m ³ (kei) (acute local eff) |

CAS: 822-06-0 hexamethylene diisocyanate

| | | |
|------------|------|-----------------------------|
| Inhalative | DNEL | 0.5 mg/m ³ (ArL) |
|------------|------|-----------------------------|

· **PNECs**

CAS: 28182-81-2 Aliphatisches Polyisocyanat

| | |
|-----------|------------------------------------|
| PNEC aqua | 12.7 µg/l (Daphnia magna) (marine) |
| PNEC | 38.28 mg/l (kei) (STP) |

CAS: 28182-81-2 Hexamethylendiisocyanat, Oligomerisationsprodukt (Uretidion Typ)

| | |
|-----------|------------------------------------|
| PNEC aqua | 12.7 µg/l (Daphnia magna) (marine) |
| PNEC | 38.28 mg/l (kei) (STP) |

CAS: 822-06-0 hexamethylene diisocyanate

| | |
|------|--|
| PNEC | 100 mg/l (Sewage Treatment Plant) |
| | 0.0199 mg/l (Mew) |
| | 0.199 mg/l (Freshwater) |
| PNEC | 8884 mg/kg dwt (Bod) |
| | 4455 mg/kg dwt (Marine water sediment) |
| | 44551 mg/kg dwt (Fresh water sediment) |

· **Ingredients with biological limit values:**

CAS: 822-06-0 hexamethylene diisocyanate

| | |
|------|---|
| BMGV | 1 µmol creatinine/mol |
| | Medium: urine |
| | Sampling time: At the end of the period od exposure |
| | Parameter: isocyanate-derived diamine |

· **Additional information:** The lists that were valid during the compilation were used as basis.

· **8.2 Exposure controls**

· **Appropriate engineering controls**

No further data; see section 7.

(Contd. on page 7)



BE SURE. BUILD SURE.

Safety data sheet according to Regulation (EC) No 1907/2006, Article 31

Printing date 12.04.2024

Version number 47 (replaces version 46)

Revision: 12.04.2024

Trade name Konudur Flexfit - Komponente B

(Contd. of page 6)

· Individual protection measures, such as personal protective equipment

· General protective and hygienic measures

Do not smoke, eat or drink while working. Have eye wash equipment ready.

Do not inhale gases/vapours/aerosols. Avoid contact with eyes and skin.

Do not store food in the work area. Wash hands before breaks and at the end of work.

· Breathing equipment:

Respiratory protection required at insufficiently ventilated workplaces and when working with splashes. Fresh air masks or combination filters A2-P2 (EN529) are recommended for short-term work.

If applicable, further recommendations for respiratory protection can be found in the appendix.

In case of hypersensitivity of the respiratory tract (asthma, chronic bronchitis), handling of the product is not recommended.

· Hand protection

Suitable materials for protective gloves; EN 374:

Butyl rubber - IIR: thickness $\geq 0.5\text{mm}$; breakthrough time $\geq 480\text{min}$.

Fluororubber - FKM: thickness $\geq 0.4\text{mm}$; breakthrough time $\geq 480\text{min}$.

Multi-layer glove - PE/EVAL/PE ; Breakthrough time $\geq 480\text{ min}$.

Recommendation: Dispose of contaminated gloves.

· Material of gloves

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.

· Penetration time of glove material

Butyl rubber - IIR: thickness $\geq 0.5\text{mm}$; breakthrough time $\geq 480\text{min}$.

Fluoro rubber - FKM: thickness $\geq 0.4\text{mm}$; breakthrough time $\geq 480\text{min}$.

Multi-layer glove - PE/EVAL/PE ; Breakthrough time $\geq 480\text{ min}$.

· Eye/face protection

Wear safety goggles/face protection.

· Body protection:

Wear suitable protective clothing when working.

In case of hypersensitivity of the skin, handling of the product is not recommended.

SECTION 9: Physical and chemical properties

· 9.1 Information on basic physical and chemical properties

· General Information

· Colour:

Dark brown

· Smell:

Characteristic

· Melting point/freezing point:

Not determined

· Boiling point or initial boiling point and boiling range

2230 °C (CAS: 14808-60-7 Quartz (SiO₂))

· Flash point:

158 °C

· Auto-ignition temperature:

400 °C

· pH

Not determined.

(Contd. on page 8)



BE SURE. BUILD SURE.

Safety data sheet according to Regulation (EC) No 1907/2006, Article 31

Printing date 12.04.2024

Version number 47 (replaces version 46)

Revision: 12.04.2024

Trade name Konudur Flexfit - Komponente B

(Contd. of page 7)

- **Viscosity:**
- **Kinematic viscosity** Not determined.
- **dynamic:** Not determined.
- **Solubility**
- **Water:** Hydrolized
- **Steam pressure at 1732 °C:** 13.5 hPa (CAS: 14808-60-7 Quartz (SiO₂))
- **Density and/or relative density**
- **Density** Not determined

- **9.2 Other information**
- **Appearance:**
- **Form:** Fluid
- **Important information on protection of health and environment, and on safety.**
- **Self-inflammability:** Product is not selfigniting.
- **Explosive properties:** Product is not explosive.

- **Information with regard to physical hazard classes**
- **Explosives** Void
- **Flammable gases** Void
- **Aerosols** Void
- **Oxidising gases** Void
- **Gases under pressure** Void
- **Flammable liquids** Void
- **Flammable solids** Void
- **Self-reactive substances and mixtures** Void
- **Pyrophoric liquids** Void
- **Pyrophoric solids** Void
- **Self-heating substances and mixtures** Void
- **Substances and mixtures, which emit flammable gases in contact with water** Void
- **Oxidising liquids** Void
- **Oxidising solids** Void
- **Organic peroxides** Void
- **Corrosive to metals** Void
- **Desensitised explosives** Void

SECTION 10: Stability and reactivity

- **10.1 Reactivity** No further relevant information available.
- **10.2 Chemical stability**
- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **10.3 Possibility of hazardous reactions** Reacts with amines
- **10.4 Conditions to avoid** No further relevant information available.
- **10.5 Incompatible materials:** No further relevant information available.

(Contd. on page 9)



BE SURE. BUILD SURE.

Safety data sheet
according to Regulation (EC) No 1907/2006, Article 31

Printing date 12.04.2024

Version number 47 (replaces version 46)

Revision: 12.04.2024

Trade name Konudur Flexfit - Komponente B

(Contd. of page 8)

- **10.6 Hazardous decomposition products:** No dangerous decomposition products known

SECTION 11: Toxicological information

- **11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008**
- **Acute toxicity** Harmful if inhaled.

- **LD/LC50 values that are relevant for classification:**

CAS: 28182-81-2 Aliphatisches Polyisocyanat

| | | |
|--------|------|------------------------------|
| Oral | LD50 | >2500 mg/kg (rat) (OECD 423) |
| Dermal | LD50 | >2000 mg/kg (rat) (OECD 402) |

| | | |
|--------|------|------------------------------|
| Dermal | LD50 | >2000 mg/kg (rat) (OECD 402) |
|--------|------|------------------------------|

CAS: 164250-92-4 aliphatic polyisocyanate 1

| | | |
|------|------|-------------------|
| Oral | LD50 | >5000 mg/kg (rat) |
|------|------|-------------------|

CAS: 29891-05-2 aliphatic polyisocyanate 2

| | | |
|------|------|-------------------|
| Oral | LD50 | >5000 mg/kg (rat) |
|------|------|-------------------|

CAS: 28182-81-2 Hexamethylendiisocyanat, Oligomerisationsprodukt (Uretidion Typ)

| | | |
|--------|------|------------------------------|
| Oral | LD50 | >2500 mg/kg (rat) (OECD 423) |
| Dermal | LD50 | >2000 mg/kg (rat) (OECD 402) |

| | | |
|--------|------|------------------------------|
| Dermal | LD50 | >2000 mg/kg (rat) (OECD 402) |
|--------|------|------------------------------|

CAS: 2530-83-8 [3-(2,3-epoxypropoxy)propyl]trimethoxysilane

| | | |
|--------|------|---------------------|
| Oral | LD50 | 8030 mg/kg (rat) |
| Dermal | LD50 | 4248 mg/kg (rabbit) |

| | | |
|--------|------|---------------------|
| Dermal | LD50 | 4248 mg/kg (rabbit) |
|--------|------|---------------------|

CAS: 2768-02-7 trimethoxyvinylsilane

| | | |
|------------|----------|----------------------|
| Oral | LD50 | >5000 mg/kg (rat) |
| Dermal | LD50 | >3400 mg/kg (rabbit) |
| Inhalative | LC50/4 h | 2773 mg/l (rat) |

| | | |
|--------|------|----------------------|
| Dermal | LD50 | >3400 mg/kg (rabbit) |
|--------|------|----------------------|

| | | |
|------------|----------|-----------------|
| Inhalative | LC50/4 h | 2773 mg/l (rat) |
|------------|----------|-----------------|

CAS: 822-06-0 hexamethylene diisocyanate

| | | |
|------|------|-----------------|
| Oral | LD50 | 738 mg/kg (rat) |
|------|------|-----------------|

- **Skin corrosion/irritation** Based on available data, the classification criteria are not met.

- **Serious eye damage/irritation** Causes serious eye damage.

- **Respiratory or skin sensitisation** May cause an allergic skin reaction.

- **Germ cell mutagenicity** Based on available data, the classification criteria are not met.

- **Carcinogenicity** Based on available data, the classification criteria are not met.

- **Reproductive toxicity** Based on available data, the classification criteria are not met.

- **STOT-single exposure** May cause respiratory irritation.

- **STOT-repeated exposure** Causes damage to the lung through prolonged or repeated exposure. Route of exposure: Inhalation.

- **Aspiration hazard** Based on available data, the classification criteria are not met.

(Contd. on page 10)



BE SURE. BUILD SURE.

Safety data sheet
according to Regulation (EC) No 1907/2006, Article 31

Printing date 12.04.2024

Version number 47 (replaces version 46)

Revision: 12.04.2024

Trade name Konudur Flexfit - Komponente B

(Contd. of page 9)

· **11.2 Information on other hazards**

· **Endocrine disrupting properties**

CAS: 128-37-0 2,6-Di-tert-butyl-p-cresol

List II

SECTION 12: Ecological information

· **12.1 Toxicity**

· **Aquatic toxicity:**

CAS: 28182-81-2 Aliphatisches Polyisocyanat

ErC10/72h 370 mg/l (Desmodesmus subspicatus) (EU C.3)

ErC50/72h >1000 mg/l (Desmodesmus subspicatus) (EU C.3)

CAS: 28182-81-2 Hexamethylendiisocyanat, Oligomerisationsprodukt (Uretidion Typ)

ErC10/72h 370 mg/l (Desmodesmus subspicatus) (EU C.3)

ErC50/72h >1000 mg/l (Desmodesmus subspicatus) (EU C.3)

CAS: 2530-83-8 [3-(2,3-epoxypropoxy)propyl]trimethoxysilane

LC50/96h 55 mg/l (Cyp)

EC50/48h 473 mg/l (Daphnia magna)

ErC50/72h 255 mg/l (Scenedesmus subspicatus)

CAS: 2768-02-7 trimethoxyvinylsilane

LC50/96h >100 mg/l (Danio rerio)

191 mg/l (Oncorhynchus mykiss)

EC50 >1000 mg/l (Bak)

EC50/48h 168.7 mg/l (Daphnia magna)

· **12.2 Persistence and degradability**

No further relevant information available.

· **12.3 Bioaccumulative potential**

No further relevant information available.

· **12.4 Mobility in soil**

No further relevant information available.

· **12.5 Results of PBT and vPvB assessment**

· **PBT:**

Not applicable.

· **vPvB:**

Not applicable.

· **12.6 Endocrine disrupting properties**

For information on endocrine disrupting properties see section 11.

· **12.7 Other adverse effects**

· **Additional ecological information:**

· **General notes:**

Do not allow product to reach ground water, water bodies or sewage system.

Danger to drinking water if even small quantities leak into soil.

GB

(Contd. on page 11)



BE SURE. BUILD SURE.

Safety data sheet according to Regulation (EC) No 1907/2006, Article 31

Printing date 12.04.2024

Version number 47 (replaces version 46)

Revision: 12.04.2024

Trade name Konudur Flexfit - Komponente B

(Contd. of page 10)

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Recommendation Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

Uncleaned packagings:

Recommendation: Empty contaminated packagings thoroughly. They can be recycled after thorough and proper cleaning.

SECTION 14: Transport information

14.1 UN number or ID number

ADR, IMDG, IATA UN3082

14.2 UN proper shipping name

ADR, IATA ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (aliphatic polyisocyanate 1)
IMDG ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (aliphatic polyisocyanate 1, aliphatic polyisocyanate 2), MARINE POLLUTANT

14.3 Transport hazard class(es)

ADR
Class 9 (M6) Miscellaneous dangerous substances and articles.
Label 9

IMDG, IATA

Class 9 Miscellaneous dangerous substances and articles.
Label 9

14.4 Packing group

ADR, IMDG, IATA III

14.5 Environmental hazards:

Marine pollutant: Yes
Symbol (fish and tree)
Special marking (ADR): Symbol (fish and tree)
Special marking (IATA): Symbol (fish and tree)

14.6 Special precautions for user

Warning: Miscellaneous dangerous substances and articles.
Kemler Number: 90
EMS Number: F-A, S-F

(Contd. on page 12)



BE SURE. BUILD SURE.

Safety data sheet according to Regulation (EC) No 1907/2006, Article 31

Printing date 12.04.2024

Version number 47 (replaces version 46)

Revision: 12.04.2024

Trade name Konudur Flexfit - Komponente B

(Contd. of page 11)

| | |
|---|--|
| · Stowage Category | A |
| · 14.7 Maritime transport in bulk according to IMO instruments | Not applicable. |
| · Transport/Additional information: | |
| · ADR | |
| · Limited quantities (LQ) | 5L |
| · Excepted quantities (EQ) | Code: E1 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 1000 ml |
| · Transport category | 3 |
| · Tunnel restriction code | (-) |
| · IMDG | |
| · Limited quantities (LQ) | 5L |
| · Excepted quantities (EQ) | Code: E1 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 1000 ml |
| · UN "Model Regulation": | UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (ALIPHATIC POLYISOCYANATE 1), 9, III |

SECTION 15: Regulatory information

· **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture** *No further relevant information available.*

· **Poisons Act**

· **Regulated explosives precursors**
None of the ingredients is listed.

· **Regulated poisons**
None of the ingredients is listed.

· **Reportable explosives precursors**
None of the ingredients is listed.

· **Reportable poisons**
None of the ingredients is listed.

· **15.2 Chemical safety assessment:** *A Chemical Safety Assessment has not been carried out.*

GB

(Contd. on page 13)



BE SURE. BUILD SURE.

Safety data sheet according to Regulation (EC) No 1907/2006, Article 31

Printing date 12.04.2024

Version number 47 (replaces version 46)

Revision: 12.04.2024

Trade name Konudur Flexfit - Komponente B

(Contd. of page 12)

SECTION 16: Other information

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- **Relevant phrases**
 - H226 Flammable liquid and vapour.
 - H302 Harmful if swallowed.
 - H315 Causes skin irritation.
 - H317 May cause an allergic skin reaction.
 - H318 Causes serious eye damage.
 - H319 Causes serious eye irritation.
 - H331 Toxic if inhaled.
 - H332 Harmful if inhaled.
 - H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.
 - H335 May cause respiratory irritation.
 - H372 Causes damage to organs through prolonged or repeated exposure.
 - H373 May cause damage to organs through prolonged or repeated exposure.
 - H411 Toxic to aquatic life with long lasting effects.
 - EUH204 Contains isocyanates. May produce an allergic reaction.

· **Department issuing data specification sheet:**

Environment protection department.

· **Abbreviations and acronyms:**

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)
 ICAO: International Civil Aviation Organisation
 ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)
 IMDG: International Maritime Code for Dangerous Goods
 IATA: International Air Transport Association
 GHS: Globally Harmonised System of Classification and Labelling of Chemicals
 EINECS: European Inventory of Existing Commercial Chemical Substances
 ELINCS: European List of Notified Chemical Substances
 CAS: Chemical Abstracts Service (division of the American Chemical Society)
 DNEL: Derived No-Effect Level (UK REACH)
 PNEC: Predicted No-Effect Concentration (UK REACH)
 LC50: Lethal concentration, 50 percent
 LD50: Lethal dose, 50 percent
 PBT: Persistent, Bioaccumulative and Toxic
 vPvB: very Persistent and very Bioaccumulative
 Flam. Liq. 3: Flammable liquids – Category 3
 Acute Tox. 3: Acute toxicity – Category 3
 Acute Tox. 4: Acute toxicity – Category 4
 Skin Irrit. 2: Skin corrosion/irritation – Category 2
 Eye Dam. 1: Serious eye damage/eye irritation – Category 1
 Eye Irrit. 2: Serious eye damage/eye irritation – Category 2
 Resp. Sens. 1: Respiratory sensitisation – Category 1
 Skin Sens. 1: Skin sensitisation – Category 1
 Skin Sens. 1B: Skin sensitisation – Category 1B
 STOT SE 3: Specific target organ toxicity (single exposure) – Category 3
 STOT RE 1: Specific target organ toxicity (repeated exposure) – Category 1

(Contd. on page 14)



BE SURE. BUILD SURE.

Page 14/14

Safety data sheet
according to Regulation (EC) No 1907/2006, Article 31

Printing date 12.04.2024

Version number 47 (replaces version 46)

Revision: 12.04.2024

Trade name Konudur Flexfit - Komponente B

(Contd. of page 13)

STOT RE 2: Specific target organ toxicity (repeated exposure) – Category 2

Aquatic Chronic 2: Hazardous to the aquatic environment - long-term aquatic hazard – Category 2

Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3

*** Data compared to the
previous version altered.**

GB