

SAFETY DATA SHEET

according to Regulation (EC) No 1907/2006 (REACH) and Regulation (EU) 2020/878

Revision date: 20/2/2026
Version: 1.3
Replaces version: 1.2
Language: en-EU
Date of print: 20/2/2026

FloorBridge Finish transparent Komponente B

Material number Komp. B

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

1.1 Product identifier

Trade name: FloorBridge Finish transparent Komponente B

This safety data sheet pertains to the following products:
FloorBridge Finish transparent Komponente B

UFI: 3F00-W0FG-100U-4XYM

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

General use: Curing agent
Restricted to professional users

1.3 Details of the supplier of the safety data sheet

Company name: FloorBridge® International GmbH
Street/POB-No.: Gewerbepark 21
Postal Code, city: 4101 Feldkirchen an der Donau
Austria

WWW: www.floorbridge.com
E-mail: office@floorbridge.com
Telephone: +43 7233 200 30

Department responsible for information:
Telephone: +43 7233 200 30, Email: office@floorbridge.com

1.4 Emergency telephone number

GIZ-Nord, Göttingen, Germany,
Telephone: +49 551-19240

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to EC regulation 1272/2008 (CLP)

Acute Tox. 4; H332 Harmful if inhaled.
Skin Irrit. 2; H315 Causes skin irritation.
Skin Sens. 1; H317 May cause an allergic skin reaction.
STOT SE 3; H335 May cause respiratory irritation.

2.2 Label elements

Labelling (CLP)



Signal word: **Warning**

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Hazard statements: H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H332 Harmful if inhaled.
H335 May cause respiratory irritation.

Precautionary statements: P261 Avoid breathing mist/vapours/spray.
P280 Wear protective gloves/protective clothing/eye protection.
P302+P352 IF ON SKIN: Wash with plenty of water/soap.
P312 Call a POISON CENTER/doctor if you feel unwell.
P362+P364 Take off contaminated clothing and wash it before reuse.
P403+P233 Store in a well-ventilated place. Keep container tightly closed.

Special labelling

EUH204 Contains isocyanates. May produce an allergic reaction.
EUH210 Safety data sheet available on request.

Text for labelling: Contains Hexamethylene-1,6-diisocyanate homopolymer; HDI oligomers, allophanate

2.3 Other hazards

Persons with over-sensitive breath ways (e.g. asthma, chronic bronchitis) are not allowed to use the product due to safety regulations.
Respiratory symptoms may still occur several hours after overexposure.
Vapours and aerosols are the main dangers to the respiratory tract.
Special danger of slipping by leaking/spilling product.

Endocrine disrupting properties, Results of PBT and vPvB assessment:

No data available

SECTION 3: Composition/information on ingredients

3.1 Substances: not applicable

3.2 Mixtures

Hazardous ingredients:

Identifiers	Designation Classification	Content
REACH 01-2119987575-18-xxxx list no. 939-657-1	HDI oligomers, allophanate Acute Tox. 4; H332. Skin Irrit. 2; H315. Skin Sens. 1; H317. STOT SE 3; H335.	40 - 50 %
REACH 01-2119488934-20-xxxx list no. 931-297-3 CAS 28182-81-2	Hexamethylene-1,6-diisocyanate homopolymer Acute Tox. 4; H332. Skin Sens. 1; H317. STOT SE 3; H335.	40 - 50 %

Full text of H- and EUH-statements: see section 16.

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SECTION 4: First aid measures

4.1 Description of first aid measures

- General information: If medical advice is needed, have product container or label at hand. Take off contaminated clothing and wash it before reuse. Symptoms may occur with delay.
- In case of inhalation: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. In case of respiratory difficulties seek medical attention.
- Following skin contact: Immediately clean with water and soap followed by thorough rinsing. In case of skin reactions, consult a physician.
- After eye contact: Immediately flush eyes with plenty of flowing water for 10 to 15 minutes holding eyelids apart. Remove contact lenses, if present and easy to do. Continue rinsing. In case of troubles or persistent symptoms, consult an ophthalmologist.
- After swallowing: Rinse mouth immediately and drink plenty of water. Never give anything by mouth to an unconscious person. Do not induce vomiting. Seek medical attention.

4.2 Most important symptoms and effects, both acute and delayed

May cause an allergic skin reaction. Harmful if inhaled. Causes skin irritation. May cause respiratory irritation.

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically (decontamination, vital functions). No specific antidote known. In case of inhalation, to prevent pulmonary oedema, initiate inhalative cortisone therapy as early as possible (e.g. every 10 minutes 5 strokes of a cortisone containing aerosol dosing spray); administer codeine against dry coughing.

SECTION 5: Firefighting measures

5.1 Extinguishing media

- Suitable extinguishing media:
carbon dioxide (CO₂), alcohol resistant foam, dry extinguishing powder, water spray jet.
- Extinguishing media which must not be used for safety reasons:
Full water jet

5.2 Special hazards arising from the substance or mixture

Combustible. Dense black smoke occurs during fire. In case of fire may be liberated: toxic gases/vapours, cyanides, nitrogen oxides (NO_x), carbon monoxide and carbon dioxide.
Air combined with vapours may form potentially explosive mixtures that are heavier than air.

5.3 Advice for firefighters

- Special protective equipment for firefighters:
Wear a self-contained breathing apparatus and chemical protective clothing.
- Additional information:
Cool exposed containers with water spray, but avoid contact of the substance with water. Formation of carbon dioxide: Danger of bursting container.
Do not allow fire water to penetrate into surface or ground water.

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SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Avoid breathing mist/vapours/spray. Avoid contact with the substance.
If possible, eliminate leakage. Provide adequate ventilation.
Wear appropriate protective equipment. Use a breathing protection against vapours/aerosol. Keep unprotected people away.
Take off contaminated clothing and wash it before reuse.

6.2 Environmental precautions

Do not allow to penetrate into soil, waterbodies or drains.
In case of release, notify competent authorities.

6.3 Methods and material for containment and cleaning up

Cover with moist liquid binding material (e.g. sand, chemical agent with calcium silicahydrate). After approximately 1 hour, mechanically collect in an open waste container (CO₂ build-up).
keep moist and allow to stand in a secure area for 7 to 14 days.
Add the decontaminant to the remnants and let stand for several days in a non-sealed container until no further reaction is observed. Once reaction is finished, close container and dispose of.
Never return spills in original containers for re-use.

Additional information: Special danger of slipping by leaking/spilling product.

6.4 Reference to other sections

Refer additionally to section 8 and 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Advices on safe handling: Avoid breathing mist/vapours/spray.
Provide adequate ventilation, and local exhaust as needed.
Wear appropriate protective equipment.
Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling. Airflow should move away from persons.
Take off contaminated clothing and wash it before reuse. Avoid contact with skin and eyes.
Have eye wash bottle or eye rinse ready at work place.

Precautions against fire and explosion:

Keep away from heat.
When handling larger quantities, take precautionary measures against electrostatic charging.

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storerooms and containers:

Keep container tightly closed in a cool, well-ventilated place.
Keep container dry. Keep only in the original container.
Protect from heat and direct sunlight.
Store containers in upright position.

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Hints on joint storage: Keep away from food, drink and animal feedingstuffs.
keep away from Acids and bases.

Further details: Carbon dioxide formation with influence of water or air humidity.

7.3 Specific end use(s)

No information available.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Additional information: Contains no substances with occupational exposure limit values.

DNEL/DMEL: Information about Hexamethylene-1,6-diisocyanate homopolymer
DNEL workers local, short-term, inhalative: 1 mg/m³
DNEL workers local, long-term, inhalative: 0.5 mg/m³

PNEC: Information about Hexamethylene-1,6-diisocyanate homopolymer
PNEC Water (freshwater): 0.1 mg/L
PNEC Water (marine water): 0.01 mg/L
PNEC Water (intermittent release): 1.27 mg/L
PNEC sewage treatment plant: 100 mg/L
PNEC sediment (freshwater): 2,530 mg/kg dw
PNEC sediment (marine water): 253 mg/kg dw
PNEC soil: 505 mg/kg TW

8.2 Exposure controls

Indoor use: Provide for good ventilation or exhaust system or work with completely self-contained equipment.

Outdoor use: Provide good ventilation.

Personal protection equipment

Occupational exposure controls

Respiratory protection: Use respiratory protection whenever ventilation is inadequate.
Respiratory protection must be worn whenever the WEL levels have been exceeded.
Use combination filter type A2/P2 according to EN 14387.

Hand protection: Protective gloves according to EN ISO 374-1.
Glove material: Butyl caoutchouc (butyl rubber)
Breakthrough time: \geq 480 min
Layer thickness: \geq 0.5 mm
Glove material: Fluororubber (Viton)
Breakthrough time: \geq 480 min
Layer thickness: \geq 0.4 mm
Observe glove manufacturer's instructions concerning penetrability and breakthrough time.

Eye protection: Tightly sealed goggles according to EN ISO 16321-1.

Body protection: Wear suitable protective clothing.

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General protection and hygiene measures:

Avoid breathing mist/vapours/spray.
Airflow should move away from persons.
Take off contaminated clothing and wash it before reuse. Avoid contact with skin and eyes.
Persons with over-sensitive breath ways (e.g. asthma, chronic bronchitis) are not allowed to use the product due to safety regulations. Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling.
Have eye wash bottle or eye rinse ready at work place.

Environmental exposure controls

Refer to "6.2 Environmental precautions".

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state at 20 °C and 101.3 kPa	liquid
Colour:	colourless
Odour:	characteristic
Melting point/freezing point:	No data available
Boiling point:	No data available
Flammability:	Combustible
Lower and upper explosion limit:	No data available
Flash point:	> 100 °C
Auto-ignition temperature:	No data available
Decomposition temperature:	No data available
pH:	No data available
Kinematic viscosity:	No data available
Dynamic viscosity:	at 23 °C: 600 - 1,000 mPa*s
Solubility:	No data available
Partition coefficient n-octanol/water (log value):	No data available
Vapour pressure:	No data available
Density:	at 20 °C: 1.10 - 1.20 g/mL
Relative vapour density:	No data available
Particle characteristics:	Not applicable

9.2 Other information

Explosive properties:	No data available
Oxidizing characteristics:	No data available
Auto-ignition temperature:	No data available

SECTION 10: Stability and reactivity

10.1 Reactivity

Refer to subsection "Possibility of hazardous reactions".

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10.2 Chemical stability

Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions

Reacts with Water, alcohols, amines and bases.

Formation of Carbon dioxide. Danger of bursting of closed cans. Heating will lead to pressure increase: danger of bursting and explosion.

10.4 Conditions to avoid

Keep away from heat sources, sparks and open flames.

Protect from direct sunlight.

Protect from moisture contamination.

10.5 Incompatible materials

Acids, Alkalis, Water, Amines, Alcohol.

10.6 Hazardous decomposition products

No hazardous decomposition products when regulations for storage and handling are observed.

Thermal decomposition: No data available

SECTION 11: Toxicological information

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

Toxicological effects: The statements are derived from the properties of the single components. No toxicological data is available for the product as such.

Acute toxicity (oral): Based on available data, the classification criteria are not met.

ATEmix (calculated): ATE > 2000 mg/kg.

Acute toxicity (dermal): Lack of data.

Acute toxicity (inhalative): Acute Tox. 4; H332 = Harmful if inhaled.

Skin corrosion/irritation: Skin Irrit. 2; H315 = Causes skin irritation.

Serious eye damage/irritation: Lack of data.

Sensitisation to the respiratory tract: Lack of data.

Skin sensitisation: Skin Sens. 1; H317 = May cause an allergic skin reaction.

Germ cell mutagenicity/Genotoxicity: Lack of data.

Carcinogenicity: Lack of data.

Reproductive toxicity: Lack of data.

Effects on or via lactation: Lack of data.

Specific target organ toxicity (single exposure): STOT SE 3; H335 = May cause respiratory irritation.

Specific target organ toxicity (repeated exposure): Lack of data.

Aspiration hazard: Lack of data.

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11.2 Information on other hazards

Endocrine disrupting properties:

No data available

Other information:

Information about Hexamethylene-1,6-diisocyanate homopolymer
LC50 Rat, inhalative, female, mist/dust: > 0.39 mg/L/4h (OECD 403).

Information about HDI oligomers, allophanate
LC50 Rat, inhalative, male, mist/dust: 0.264 mg/L/4h (OECD 403).
LC50 Rat, inhalative, female, mist/dust: > 0.314 mg/L/4h (OECD 403).

Symptoms

In case of a prolonged contact tanning and irritating effects may occur.

Persons with over-sensitive breath ways (e.g. asthma, chronic bronchitis) are not allowed to use the product due to safety regulations.

Respiratory symptoms may still occur several hours after overexposure.

Vapours and aerosols are the main dangers to the respiratory tract.

SECTION 12: Ecological information

12.1 Toxicity

Further details: No data available

12.2 Persistence and degradability

Further details: Information about Hexamethylene-1,6-diisocyanate
Biodegradability: 1 %/28 d. (OECD 302C).
Not easily degradable.

Forms carbon dioxide and turns into a hard and insoluble by-product (poly urea) on the water's edge. Based upon current knowledge, poly urea is inert and will not decompose.

12.3 Bioaccumulative potential

Partition coefficient: n-octanol/water:

No data available

12.4 Mobility in soil

No data available

12.5 Results of PBT and vPvB assessment

No data available

12.6 Endocrine disrupting properties

No data available

12.7 Other adverse effects

General information: Do not allow to enter into ground-water, surface water or drains.

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SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product

Waste key number: 08 05 01* = Waste isocyanates
* = Evidence for disposal must be provided.

Recommendation: Dispose of waste according to applicable legislation.
Do not dispose of with household waste.

Package

Recommendation: Dispose of waste according to applicable legislation.
Handle contaminated packages in the same way as the substance itself.

Section 14. Transport information

14.1 UN number or ID number

ADR/RID, ADN, IMDG, IATA-DGR:
not applicable

14.2 UN proper shipping name

ADR/RID, ADN, IMDG, IATA-DGR:
Not restricted

14.3 Transport hazard class(es)

ADR/RID, ADN, IMDG, IATA-DGR:
not applicable

14.4 Packing group

ADR/RID, ADN, IMDG, IATA-DGR:
not applicable

14.5 Environmental hazards

Dangerous for the environment:
Substance/mixture is not environmentally hazardous according to the criteria of the UN model regulations.

Marine pollutant - IMDG: no

14.6 Special precautions for user

No dangerous good in sense of these transport regulations.

14.7 Maritime transport in bulk according to IMO instruments

No data available

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SECTION 15: Regulatory information

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

National regulations - EC member states

Volatile organic compounds (VOC):

0 % by weight / 0 g/L

Labelling of packaging with <= 125mL content



Signal word:

Warning

Hazard statements:

H317 May cause an allergic skin reaction.
EUH204 Contains isocyanates. May produce an allergic reaction.
EUH210 Safety data sheet available on request.

Precautionary statements:

P261 Avoid breathing mist/vapours/spray.
P280 Wear protective gloves/protective clothing/eye protection.
P302+P352 IF ON SKIN: Wash with plenty of water/soap.
P362+P364 Take off contaminated clothing and wash it before reuse.

Further regulations, limitations and legal requirements:

Use restriction according to REACH annex XVII, no.: 3, 74, 75

15.2 Chemical Safety Assessment

For this mixture a chemical safety assessment is not required.

SECTION 16: Other information

Classification procedure: Physical hazards: on basis of test data
Health hazards, environmental hazards: calculation method

Wording of the H-phrases under paragraph 2 and 3:

H315 = Causes skin irritation.
H317 = May cause an allergic skin reaction.
H332 = Harmful if inhaled.
H335 = May cause respiratory irritation.
EUH204 = Contains isocyanates. May produce an allergic reaction.
EUH210 = Safety data sheet available on request.

Reason of change: Changes in section 3: Composition/information on ingredients

Date of first version: 8/2/2022

Department issuing data sheet:

see section 1: Department responsible for information

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Abbreviations and acronyms:

Acute Tox.: Acute toxicity
ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road
AS/NZS: Australian Standards/New Zealand Standards
CAS: Chemical Abstracts Service
CFR: Code of Federal Regulations
CLP: Classification, Labelling and Packaging
DMEL: Derived minimal effect level
DNEL: Derived no-effect level
EC: European Community
EmS: Emergency Response Procedures for Ships Carrying Dangerous Goods
EN: European Standard
EQ: Excepted quantities
EU: European Union
IATA: International Air Transport Association
IATA-DGR: International Air Transport Association – Dangerous Goods Regulations
IBC Code: International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk
IMDG Code: International Maritime Dangerous Goods Code
IMO: International Maritime Organization
LC50: Median lethal concentration
MARPOL: Maritime Pollution: The International Convention for the Prevention of Pollution from Ships
OEL: Occupational Exposure Limit Value
OSHA: Occupational Safety and Health Administration
PBT: Persistent, bioaccumulative and toxic
PNEC: Predicted no-effect concentration
REACH: Registration, Evaluation, Authorisation and Restriction of Chemicals
RID: Regulations Concerning the International Carriage of Dangerous Goods by Rail
Skin Irrit.: Skin irritation
Skin Sens.: Skin sensitisation
STOT SE: Specific target organ toxicity - single exposure
TLV: Threshold Limit Value
TRGS: Technical Rules for Hazardous Substances
vPvB: Very persistent and very bioaccumulative
WEL: Workplace Exposure Limit

The information in this data sheet has been established to our best knowledge and was up-to-date at time of revision. It does not represent a guarantee for the properties of the product described in terms of the legal warranty regulations.