

SAFETY DATA SHEET

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

Revision date: 29/4/2026
Version: 2.1
Replaces version: 2.0
Language: en-EU
Date of print: 7/5/2026

FloorBridge Finish color ca. RAL 7001 Komponente A

Material number RAL 7001 Komponente A

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

1.1 Product identifier

Trade name: FloorBridge Finish color ca. RAL 7001 Komponente A

UFI: RM00-W0U8-N00U-FN4R

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

General use: Surface coatings
Reserved for industrial and professional use.

1.3 Details of the supplier of the safety data sheet

Company name: FloorBridge® International GmbH

Street/POB-No.: Gewerbepark 21

Postcode, city: 4101 Feldkirchen an der Donau
Austria

WWW: www.floorbridge.com

Email: 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)

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

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

2.2 Label elements

Labelling (CLP)



Signal word: **Warning**

Hazard statements: H317 May cause an allergic skin reaction.
H412 Harmful to aquatic life with long lasting effects.

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Precautionary statements:

P261 Avoid breathing mist/vapours/spray.
P273 Avoid release to the environment.
P280 Wear protective gloves/protective clothing/eye protection.
P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
P362+P364 Take off contaminated clothing and wash it before reuse.

Special labelling

EUH210 Safety data sheet available on request.

Text for labelling: Contains: Aspartic acid, N,N'-(methylenedi-4,1-cyclohexanediyl)bis-, 1,1',4,4'-tetraethyl ester; Aspartic acid ester

2.3 Other hazards

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

Chemical characterisation: This product contains < 55% ingredients that are not relevant for classification.

Hazardous ingredients:

Identifiers	Designation Classification	Content
REACH 01-0000017556-64-xxxx EC No. 429-270-1 CAS 136210-30-5	Aspartic acid, N,N'-(methylenedi-4,1-cyclohexanediyl)bis-, 1,1',4,4'-tetraethyl ester Skin Sens. 1; H317. Aquatic Chronic 3; H412.	< 25 %
list no. 831-101-5 CAS 152637-10-0	Aspartic acid ester Skin Sens. 1B; H317. Aquatic Chronic 3; H412.	< 25 %

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

Additional information: Contains Aluminium hydroxide, Tris(2-ethylhexyl)phosphate, Barium sulfate, Talcum, Chrome antimony titanium buff rutile, Zeolite, cuboidal, crystalline, synthetic, non-fibrous, Silicon dioxide (Quartz (SiO₂)).
The maximum workplace exposure limits are, where necessary, listed in section 8.

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.

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In case of inhalation:	If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Seek medical attention if problems persist.
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. Subsequently 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.

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media:

Water spray jet, foam, extinguishing powder and carbon dioxide.

Extinguishing media which must not be used for safety reasons:

Full water jet

5.2 Special hazards arising from the substance or mixture

May form dangerous gases and vapours in case of fire.

Furthermore, there may develop: cyanides, nitrogen oxides (NO_x), sulphur dioxide, carbon monoxide and carbon dioxide.

5.3 Advice for firefighters

Special protective equipment for firefighters:

Wear a self-contained breathing apparatus and chemical protective clothing.

Additional information:

Use fine water spray to cool endangered containers.

Do not allow water used to extinguish fire to enter drains, ground or waterways.

Fire residuals and contaminated extinguishing water must be disposed of in accordance with the regulations of the local authorities.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Do not breathe mist/vapours/spray. Avoid contact with the substance. If possible, eliminate leakage. Provide adequate ventilation. Wear appropriate protective equipment. Keep unprotected people away. Take off contaminated clothing and wash it before reuse.

6.2 Environmental precautions

Do not allow to enter into ground-water, surface water or drains. If necessary, notify appropriate authorities.

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6.3 Methods and material for containment and cleaning up

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents) and place in closed containers for disposal.

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: Provide adequate ventilation, and local exhaust as needed. Do not breathe mist/vapours/spray. Do not get in eyes, on skin, or on clothing. Wear appropriate protective equipment. Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling. Take off contaminated clothing and wash it before reuse. Have eye wash bottle or eye rinse ready at work place. Persons with over-sensitive breath ways (e.g. asthma, chronic bronchitis) are not allowed to use the product due to safety regulations.

Precautions against fire and explosion:

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Take action to prevent static discharges.

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storerooms and containers:

Keep container dry, tightly closed and store at cool and aired place. Keep only in original container. Protect from heat and direct sunlight. Store containers in upright position.

Hints on joint storage:

Do not store together with acids, bases or oxidizing agents.
Keep away from food, drink and animal feedingstuffs.

7.3 Specific end use(s)

No information available.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational exposure limit values:

CAS No.	Designation	Type	Limit value
68186-90-3	Chrome antimony titanium buff rutile	Europe: IOELV: TWA	2 mg/m ³ (metal and compounds, inorganic, insoluble)
14808-60-7	Silicon dioxide (Quartz (SiO ₂))	Europe: BOELV: TWA	0.1 mg/m ³ (respirable crystalline silica)

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DNEL/DMEL: Information about Aspartic acid, N,N'-(methylenedi-4,1-cyclohexanediyl)bis-, 1,1',4,4'-tetraethyl ester (CAS 136210-30-5):
DNEL workers, long-term, inhalative, systemic: 28 mg/m³
DNEL workers, short-term, inhalative, systemic: 112 mg/m³
DNEL workers, long-term, dermal, systemic: 4 mg/kg bw/d
DNEL consumers, long-term, inhalative, systemic: 4.8 mg/m³
DNEL consumers, short-term, inhalative, systemic: 4.8 mg/m³
DNEL consumers, long-term, dermal, systemic: 1.4 mg/kg bw/d
DNEL consumers, short-term, dermal, systemic: 1.4 mg/kg bw/d
DNEL consumers, long-term, oral, systemic: 1.4 mg/kg bw/d
DNEL consumers, short-term, oral, systemic: 1.4 mg/kg bw/d

PNEC: Information about Aspartic acid, N,N'-(methylenedi-4,1-cyclohexanediyl)bis-, 1,1',4,4'-tetraethyl ester (CAS 136210-30-5):
PNEC water (freshwater): 0.13 µg/L
PNEC water (marine water): 0.013 µg/L
PNEC sediment (freshwater): 0.21 mg/kg
PNEC sediment (marine water): 0.02 mg/kg
PNEC soil: 0.1 mg/kg w
PNEC sewage treatment plant: 31.1 mg/L

8.2 Exposure controls

Provide good ventilation and/or an exhaust system in the work area.

Personal protection equipment

Occupational exposure controls

Respiratory protection: In case of inadequate ventilation wear respiratory protection. Respiratory protection must be worn whenever the WEL levels have been exceeded. Respiratory protection: A2/P2 or better, depending on the operational load. The filter class must be suitable for the maximum contaminant concentration (gas/vapour/aerosol/particulates) that may arise when handling the product.

Hand protection: Protective gloves according to EN ISO 374-1. 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.

General protection and hygiene measures: Do not breathe mist/vapours/spray. Do not get in eyes, on skin, or on clothing. Take off contaminated clothing and wash it before reuse. 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. Persons with over-sensitive breath ways (e.g. asthma, chronic bronchitis) are not allowed to use the product due to safety regulations.

Environmental exposure controls

Refer to "6.2 Environmental precautions".

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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:	see Product description
Odour:	characteristic
Melting point/freezing point:	No data available
Boiling point:	No data available
Flammability:	No data available
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: approx. 1000.00 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: 1.40 - 1.50 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".

10.2 Chemical stability

Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions

With exposure to moisture, product will release methanol.

10.4 Conditions to avoid

Keep away from heat sources, sparks and open flames.
Protect from direct sunlight.

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10.5 Incompatible materials

Acids, bases and oxidizing agents

10.6 Hazardous decomposition products

No decomposition when used properly.

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): > 2,000 mg/kg.

Acute toxicity (dermal): Based on available data, the classification criteria are not met.
ATEmix (calculated): > 2,000 mg/kg.

Acute toxicity (inhalative): Based on available data, the classification criteria are not met.
ATEmix (calculated): > 20 mg/L (Vapour)
ATEmix (calculated, dust/mist): > 5 mg/L

Skin corrosion/irritation: Lack of data.

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): Lack of data.

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

Aspiration hazard: Lack of data.

11.2 Information on other hazards

Endocrine disrupting properties:

No data available

Other information:

Information about Aspartic acid, N,N'-(methylenedi-4,1-cyclohexanediyl)bis-,
1,1',4,4'-tetraethyl ester (CAS 136210-30-5):

LD50 Rat, oral: > 2,000 mg/kg bw (EU B.1)

LC50 Rat, inhalative (dust/mist): > 4.224 mg/L/4h; no mortality occurred (OECD 403)

LD50 Rat, dermal: > 2,000 mg/kg bw

Information about Aspartic acid ester (CAS 152637-10-0):

LD50 Rat, female oral: > 2,000 mg/kg bw (OECD 423)

LC50 Rat, inhalative (dust/mist): > 4.224 mg/L/4h (OECD 403)

LD50 Rat, dermal: > 2,000 mg/kg bw (By analogy)

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Symptoms

After eye contact: Upon direct contact with eyes may cause burning, tearing, redness.

SECTION 12: Ecological information

12.1 Toxicity

Aquatic toxicity: Harmful to aquatic life with long lasting effects. Harmful to aquatic life with long lasting effects.

Information about Aspartic acid, N,N'-(methylenedi-4,1-cyclohexanediyl)bis-, 1,1',4,4'-tetraethyl ester (CAS 136210-30-5):

Acute fish toxicity:

LC50 Danio rerio (zebrafish): 66 mg/L/96h (OECD 203; By analogy)

Acute Daphnia toxicity:

EC50 Daphnia magna (Big water flea): 88.6 mg/L/48h (OECD 202; By analogy)

algae toxicity:

ERC50 Scenedesmus subspicatus: 113 mg/L/72h (OECD 201; By analogy)

Bacteria toxicity:

activated sludge EC50 3,110 mg/L/3h (OECD 209; By analogy)

Information about Aspartic acid ester (CAS 152637-10-0):

Acute fish toxicity:

LC50 Danio rerio (zebrafish): 66 mg/L/96h (OECD 203; By analogy)

Acute Daphnia toxicity:

EC50 Daphnia magna (Big water flea): > 100 mg/L/48h (OECD 202; By analogy)

algae toxicity:

ERC50 Scenedesmus subspicatus: > 100 mg/L/72h (OECD 201; By analogy)

Bacteria toxicity:

activated sludge EC50: >1,000 mg/L/3h (OECD 209; By analogy)

12.2 Persistence and degradability

Further details: Information about Aspartic acid, N,N'-(methylenedi-4,1-cyclohexanediyl)bis-, 1,1',4,4'-tetraethyl ester (CAS 152637-10-0):

Biodegradation: 0%/28 d

Not readily biodegradable (according to OECD criteria).

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

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12.7 Other adverse effects

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

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product

Waste key number: 08 04 09* = Waste adhesives and sealants containing organic solvents or other dangerous substances
* = 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.
Non-contaminated packages may be recycled.

Section 14. Transport information

14.1 UN number or ID number

ADR/RID, IMDG, IATA-DGR:

not applicable

ADN: ID 9006

14.2 UN proper shipping name

ADR/RID, IMDG, IATA-DGR:

Not restricted

ADN: ID 9006, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.

14.3 Transport hazard class(es)

ADR/RID, IMDG, IATA-DGR:

not applicable

ADN: Class 9, Code: M12

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

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14.6 Special precautions for user

Inland waterway craft (ADN)

Hazard label: -
Transport permitted: T
Equipment necessary: PP

Protect from humidity. Sensitive to heat and warmth
Keep away from food, drink and animal feedingstuffs.
Do not store together with acids or bases.

14.7 Maritime transport in bulk according to IMO instruments

No data available

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):
max. 3 % by weight / 45 g/L

Labelling of packaging with <= 125mL content



Signal word: **Warning**

Hazard statements: H317 May cause an allergic skin reaction.
H412 Harmful to aquatic life with long lasting effects.
EUH210 Safety data sheet available on request.

Precautionary statements: P261 Avoid breathing mist/vapours/spray.
P280 Wear protective gloves/protective clothing/eye protection.
P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
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, 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

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

H317 = May cause an allergic skin reaction.
H412 = Harmful to aquatic life with long lasting effects.
EUH210 = Safety data sheet available on request.

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

Date of first version: 8/6/2022

Department issuing data sheet:

see section 1: Department responsible for information

Abbreviations and acronyms:

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
Aquatic Chronic: Hazardous to the aquatic environment - chronic
AS/NZS: Australian Standards/New Zealand Standards
ATEmix: Acute Toxicity Estimate of mixture
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
EC50: Effective Concentration 50%
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
LD50: Lethal dose 50%
MARPOL: Maritime Pollution: The International Convention for the Prevention of Pollution from Ships
OECD: Organisation for Economic Co-operation and Development
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 Sens.: Skin sensitisation
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.