

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH) and Regulation (EU) No. 2015/830

Revision date: 8/6/2022  
Version: 1.0  
Language: en-GB,IE  
Date of print: 8/6/2022

## 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

Postal Code, city: AT-4101 Feldkirchen an der Donau

WWW: [www.floorbridge.com](http://www.floorbridge.com)

E-mail: [office@floorbridge.com](mailto:office@floorbridge.com)

Telephone: +43 7233 200 30

Department responsible for information:

Telephone: +43 7233 200 30, Email: [office@floorbridge.com](mailto:office@floorbridge.com)

#### 1.4 Emergency telephone number

National Poisons Information Service (Birmingham Unit)

Telephone: 844 892 0111

### 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 ester; Aspartic acid, N,N'-(methylenedi-4,1-cyclohexanediyl)bis-, 1,1',4,4'-tetraethyl ester;

### 2.3 Other hazards

Special danger of slipping by leaking/spilling product.  
With exposure to moisture, product will release methanol. (hydrolysis)  
Information about methanol:  
Highly flammable liquid and vapour.  
Toxic if swallowed, in contact with skin or if inhaled. Causes damage to organs.

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: Mixture of the substances listed below with non-hazardous additions:

Hazardous ingredients:

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

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, Calcium fluoride and Zeolite, cuboidal, crystalline, synthetic, non-fibrous.  
The maximum workplace exposure limits are, where necessary, listed in section 8.  
With exposure to moisture, product will release methanol.

## 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<sub>x</sub>), 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:

Hazchem-Code: -

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 or bases.  
Keep away from food, drink and animal feedingstuffs.

### 7.3 Specific end use(s)

No information available.

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### SECTION 8: Exposure controls/personal protection

#### 8.1 Control parameters

Occupational exposure limit values:

CAS No.	Designation	Type	Limit value
14807-96-6	Talcum	Great Britain: WEL-TWA Ireland: 8 hours Ireland: 8 hours	1 mg/m <sup>3</sup> (respirable fraction) 0.8 mg/m <sup>3</sup> (respirable fraction) 10 mg/m <sup>3</sup> (inhalable fraction)
68186-90-3	Chrome antimony titanium buff rutile	Europe: IOELV: TWA  Great Britain: WEL-TWA Ireland: 8 hours	2 mg/m <sup>3</sup> (metal and compounds, inorganic, insoluble)  0.5 mg/m <sup>3</sup> 2 mg/m <sup>3</sup>
7727-43-7	Barium sulfate	Great Britain: WEL-TWA Great Britain: WEL-TWA Ireland: 8 hours	10 mg/m <sup>3</sup> (inhalable fraction) 4 mg/m <sup>3</sup> (respirable fraction) 5 mg/m <sup>3</sup>
67-56-1	Methanol	Europe: IOELV: TWA  Great Britain: WEL-STEL  Great Britain: WEL-TWA  Ireland: 8 hours	260 mg/m <sup>3</sup> ; 200 ppm (may be absorbed through the skin)  333 mg/m <sup>3</sup> ; 250 ppm (may be absorbed through the skin)  266 mg/m <sup>3</sup> ; 200 ppm (may be absorbed through the skin)  260 mg/m <sup>3</sup> ; 200 ppm (may be absorbed through the skin)

**DNEL/DMEL:** Information about Aspartic acid, N,N'-(methylenedi-4,1-cyclohexanediyl)bis-, 1,1',4,4'-tetraethyl ester:  
DNEL workers, long-term, inhalative, systemic: 28 mg/m<sup>3</sup>  
DNEL workers, short-term, inhalative, systemic: 112 mg/m<sup>3</sup>  
DNEL workers, long-term, dermal, systemic: 4 mg/kg bw/d  
DNEL consumers, long-term, inhalative, systemic: 4.8 mg/m<sup>3</sup>  
DNEL consumers, short-term, inhalative, systemic: 4.8 mg/m<sup>3</sup>  
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:  
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.

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### 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 374. Observe glove manufacturer's instructions concerning penetrability and breakthrough time.
- Eye protection: Tightly sealed goggles according to EN 166.
- 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".

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

Appearance:	Physical state at 20 °C and 101.3 kPa: liquid Colour: see Product description
Odour:	characteristic
Odour threshold:	No data available
pH:	No data available
Melting point/freezing point:	No data available
Initial boiling point and boiling range:	No data available
Flash point/flash point range:	> 100 °C
Evaporation rate:	No data available
Flammability:	No data available
Explosion limits:	No data available
Vapour pressure:	No data available
Vapour density:	No data available
Density:	at 20 °C: 1.40 - 1.50 g/mL
Solubility:	No data available
Partition coefficient: n-octanol/water:	No data available
Auto-ignition temperature:	No data available
Decomposition temperature:	No data available
Viscosity, dynamic:	at 23 °C: approx. 1000.00 mPa*s
Explosive properties:	No data available
Oxidizing characteristics:	No data available

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### 9.2 Other information

Additional information: 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.

### 10.5 Incompatible materials

Acids and bases

### 10.6 Hazardous decomposition products

No decomposition when used properly.

Thermal decomposition: No data available

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### SECTION 11: Toxicological information

#### 11.1 Information on toxicological effects

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): > 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.

#### 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.

#### 12.2 Persistence and degradability

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



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### 12.5 Results of PBT and vPvB assessment

No data available

### 12.6 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

MFSU = manufacture, formulation, supply and use

\* = 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

ADR/RID, IMDG, IATA-DGR:

not applicable

### 14.2 UN proper shipping name

ADR/RID, IMDG, IATA-DGR:

Not restricted

### 14.3 Transport hazard class(es)

ADR/RID, IMDG, IATA-DGR:

not applicable

### 14.4 Packing group

ADR/RID, IMDG, IATA-DGR:

not applicable

### 14.5 Environmental hazards

Marine pollutant:

no

### 14.6 Special precautions for user

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

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

No data available

## SECTION 15: Regulatory information

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

#### National regulations - Great Britain

Hazchem-Code:

-

No data available

#### National regulations - EC member states

Volatile organic compounds (VOC):

max. 3 % by weight = 45 g/L

Further regulations, limitations and legal requirements:

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

### 15.2 Chemical Safety Assessment

For the following substances of this mixture a chemical safety assessment has been carried out: Aspartic acid, N,N'-(methylenedi-4,1-cyclohexanediyl)bis-, 1,1',4,4'-tetraethyl ester

## SECTION 16: Other information

### Further information

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.

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### 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

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

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

MARPOL: Maritime Pollution: The International Convention for the Prevention of Pollution from Ships

MFSU: Manufacture, formulation, supply and use

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

TLV: Threshold Limit Value

TRGS: Technical Rules for Hazardous Substances

vPvB: Very persistent and very bioaccumulative

WEL: Workplace Exposure Limit

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### Department issuing data sheet

Contact person: see section 1: Department responsible for information

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.