

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 transparent Komponente A

Material number Komp.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 transparent Komponente A

UFI: 1C00-D0S2-R00C-GMDJ

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

General use: Binder
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: AT-4101 Feldkirchen an der Donau
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

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.

Precautionary statements:
P261 Avoid breathing mist/vapours/spray.
P273 Avoid release to the environment.
P280 Wear protective gloves/protective clothing/eye protection.
P302+P352 IF ON SKIN: Wash with plenty of water/soap.
P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
P362+P364 Take off contaminated clothing and wash it before reuse.

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Special labelling

EUH210 Safety data sheet available on request.

Text for labelling:

Aspartic acid, N,N'-(methylenedi-4,1-cyclohexanediyl)bis-, 1,1',4,4'-tetraethyl ester;
Aspartic acid ester;
bis(4-(1,2-bis(Ethoxycarbonyl)ethylamino)-3-methylcyclohexyl)methane
Reaction mass of methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate and
bis(1,2,2,6,6-pentamethyl-4-piperidyl)sebacate
Trimethoxyvinylsilane.

Restricted to professional users.

2.3 Other hazards

Special danger of slipping by leaking/spilling product.

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: Binder

Mixture of the substances listed below with non-hazardous additions

Hazardous ingredients:

Ingredient	Designation	Content	Classification
CAS 152637-10-0	Aspartic acid ester	< 40 %	Skin Sens. 1B; H317. Aquatic Chronic 3; H412.
REACH 01-0000015937-58-xxxx EC No. 412-060-9 CAS 136210-32-7	bis(4-(1,2-bis (Ethoxycarbonyl) ethylamino)-3- methylcyclohexyl)methane	< 25 %	Skin Sens. 1; H317. Aquatic Chronic 3; H412.
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	< 20 %	Skin Sens. 1; H317. Aquatic Chronic 3; H412.
REACH 01-2119513215-52-xxxx EC No. 220-449-8 CAS 2768-02-7	Trimethoxyvinylsilane	< 1 %	Flam. Liq. 3; H226. Acute Tox. 4; H332. Skin Sens. 1B; H317.
REACH 01-2119491304-40-xxxx list no. 915-687-0 CAS 1065336-91-5	Reaction mass of methyl 1,2,2,6,6-pentamethyl-4- piperidyl sebacate and bis(1,2,2,6,6-pentamethyl- 4-piperidyl)sebacate	< 0.5 %	Skin Sens. 1A; H317. Repr. 2; H361f. Aquatic Acute 1; H400 (M-factor = 1). Aquatic Chronic 1; H410 (M-factor = 1).

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.
- 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.

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: nitrogen oxides (NO_x), 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.

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SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

If possible, eliminate leakage.

Provide adequate ventilation. Avoid breathing mist/vapours/spray.

Avoid contact with the substance. Take off contaminated clothing and wash it before reuse. Wear appropriate protective equipment. Keep unprotected people away.

6.2 Environmental precautions

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

In case of release, notify competent authorities.

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.

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: Provide adequate ventilation, and local exhaust as needed. Avoid breathing 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.

Precautions against fire and explosion:

Keep away from heat.

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storerooms and containers:

Keep container tightly closed and in a well-ventilated place.

Keep container dry. Keep only in the original container.

Protect from heat and direct sunlight.

Store containers in upright position.

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

7.3 Specific end use(s)

Observe technical data sheet.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

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

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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: In case of inadequate ventilation wear respiratory protection. Use combination filter type A2/P2 according to EN 14387.

Hand protection: Protective gloves according to EN 374.
Glove material: ethylene vinyl alcohol laminate (EVAL)
Breakthrough time: ≥ 480 min.

Splash guard:

Glove material: Nitrile rubber

Layer thickness: $> 0,1$ mm

permeation time (maximum wear duration): < 10

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:

Provide adequate ventilation, and local exhaust as needed. Avoid breathing mist/vapours/spray.

Do not get in eyes, on skin, or on clothing.

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.

Environmental exposure controls

See section 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: > 65 °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: approx. 1.05 g/mL

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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: 200 mPa*s
Explosive properties:	No data available
Oxidizing characteristics:	No data available

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

No hazardous reaction when handled and stored according to provisions.

10.4 Conditions to avoid

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

10.5 Incompatible materials

No data available

10.6 Hazardous decomposition products

Thermal decomposition: No decomposition when used properly.
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): Lack of data.

Acute toxicity (dermal): Lack of data.

Acute toxicity (inhalative): Lack of data.

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.

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

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 (By analogy)

algae toxicity

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

Bacteria toxicity

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

12.2 Persistence and degradability

Further details: No data available

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 01 11* = Waste paint and varnish 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.

Dried material (cured): Smaller quantities can be disposed 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

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 moisture contamination.

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

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 - Great Britain

Hazchem-Code:

-

No data available

National regulations - EC member states

Volatile organic compounds (VOC):

9.5 % by weight = 99 g/L

Further regulations, limitations and legal requirements:

Use restriction according to REACH annex XVII, no.: 3, 40, 75

15.2 Chemical Safety Assessment

For this mixture a chemical safety assessment is not required.

SECTION 16: Other information

Further information

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

H226 = Flammable liquid and vapour.

H317 = May cause an allergic skin reaction.

H332 = Harmful if inhaled.

H361f = Suspected of damaging fertility.

H400 = Very toxic to aquatic life.

H410 = Very toxic to aquatic life with long lasting effects.

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

EC50: Effective Concentration 50%

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

LC50: Median lethal concentration

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

M-factor: Multiplication factor

OECD: Organisation for Economic Co-operation and Development

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

TRGS: Technical Rules for Hazardous Substances

vPvB: Very persistent and very bioaccumulative

Date of first version: 8/6/2022

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.