



SAFETY DATA SHEET STYCCOBOND F21

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

1.1. Product identifier

Product name STYCCOBOND F21
Product number F3498
Internal identification SBF21/12

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

Identified uses Flooring Adhesive
Uses advised against No specific uses advised against are identified.

1.3. Details of the supplier of the safety data sheet

Supplier F.Ball and Co. Ltd.
Churnetside Business Park,
Station Road,
Cheddleton,
Leek,
Staffordshire. ST13 7RS
Tel: 01538 361633 Mon-Fri 8.30am-5.00pm (Exc Bank Holidays)
Fax: 01538 361622
E.mail: msds@f-ball.co.uk

1.4. Emergency telephone number

Emergency telephone 01538 361633 Mon-Fri 8.30am - 5.00pm (excluding Bank Holidays)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification

Physical hazards Not Classified
Health hazards Elicitation (Skin Sens.)
Environmental hazards Not Classified

Human health Persons with a known allergy to natural rubber latex are advised not to use this product.

2.2. Label elements

Hazard statements EUH208 Contains 1,2-BENZISOTHIAZOL-3(2H)-ONE. May produce an allergic reaction.

2.3. Other hazards

SECTION 3: Composition/information on ingredients

3.2. Mixtures

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| ETHANEDIOL | | <0.5% |
| CAS number: 107-21-1 | EC number: 203-473-3 | REACH registration number: 01-2119456816-28 |
| Classification | Classification (67/548/EEC or 1999/45/EC) | |
| Acute Tox. 4 - H302 | Xn;R22 | |
| STOT RE 2 - H373 | | |

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

Composition comments Blend of bitumen emulsion and natural latex containing stabilisers and viscosity modifiers, The product contains a low level (<0.1%) of ammonia.

SECTION 4: First aid measures

4.1. Description of first aid measures

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| General information | Treat symptomatically. |
| Inhalation | Fresh air. |
| Ingestion | Rinse mouth thoroughly with water. Give plenty of water to drink. Do not induce vomiting. Get medical attention if any discomfort continues. |
| Skin contact | Wash skin thoroughly with soap and water. Remove contaminated clothing. Get medical attention if irritation persists after washing. |
| Eye contact | Rinse immediately with plenty of water. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues. |

4.2. Most important symptoms and effects, both acute and delayed

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| General information | The product is considered to be a low hazard under normal conditions of use. |
| Inhalation | No specific symptoms known. |
| Ingestion | No specific symptoms known. |
| Skin contact | May cause sensitisation or allergic reactions in sensitive individuals. |
| Eye contact | May cause temporary eye irritation. |

4.3. Indication of any immediate medical attention and special treatment needed

Notes for the doctor Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media The product is not flammable. Use fire-extinguishing media suitable for the surrounding fire.

5.2. Special hazards arising from the substance or mixture

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| Specific hazards | No unusual fire or explosion hazards noted. |
| Hazardous combustion products | Does not decompose when used and stored as recommended. |

5.3. Advice for firefighters

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| Protective actions during firefighting | No specific firefighting precautions known. |
| Special protective equipment for firefighters | Wear chemical protective suit. |

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SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions Wear protective gloves and, in case of splashes, goggles/face shield too.

6.2. Environmental precautions

Environmental precautions Do not discharge into drains or watercourses or onto the ground.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up Contain and absorb spillage with sand, earth or other non-combustible material. Collect and place in suitable waste disposal containers and seal securely.

6.4. Reference to other sections

Reference to other sections For personal protection, see Section 8. See Section 11 for additional information on health hazards. For waste disposal, see section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions Provide adequate ventilation. Good personal hygiene procedures should be implemented.

Advice on general occupational hygiene Wash at the end of each work shift and before eating, smoking and using the toilet.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions Keep separate from food, feedstuffs, fertilisers and other sensitive material. Store in closed original container at temperatures between 5°C and 30°C. Protect from freezing and direct sunlight.

7.3. Specific end use(s)

Specific end use(s) The identified uses for this product are detailed in Section 1.2.

SECTION 8: Exposure Controls/personal protection

8.1. Control parameters

Occupational exposure limits

ETHANEDIOL

Long-term exposure limit (8-hour TWA): WEL 20 ppm 10 mg/m³

Short-term exposure limit (15-minute): WEL 40 ppm 104 mg/m³

Sk

WEL = Workplace Exposure Limit

Sk = Can be absorbed through skin.

8.2. Exposure controls

Protective equipment



Appropriate engineering controls

Provide adequate ventilation.

Personal protection

Always check applicability with your supplier of protective equipment.

Eye/face protection

Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible.

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| Hand protection | Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. |
| Other skin and body protection | No specific requirements are anticipated under normal conditions of use. |
| Hygiene measures | Provide eyewash station. No specific hygiene procedures recommended but good personal hygiene practices should always be observed when working with chemical products. |
| Respiratory protection | No specific recommendations. |
| Thermal hazards | None |

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

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| Appearance | Viscous liquid. |
| Colour | Black. |
| Odour | Ammonia. |
| Odour threshold | Not determined. |
| pH | pH (concentrated solution): 9.8-10.7 |
| Melting point | Not applicable. |
| Initial boiling point and range | Not determined. |
| Flash point | Not applicable. |
| Evaporation rate | Not determined. |
| Evaporation factor | Not determined. |
| Flammability (solid, gas) | Not applicable. |
| Upper/lower flammability or explosive limits | Not applicable. |
| Other flammability | Not applicable. |
| Vapour pressure | Not determined. |
| Vapour density | Not determined. |
| Relative density | 0.98-1.01 approx @ 20°C |
| Bulk density | Not determined. |
| Solubility(ies) | Miscible with water. |
| Partition coefficient | Not applicable. |
| Auto-ignition temperature | Not applicable. |
| Decomposition Temperature | Not determined. |
| Viscosity | 5500-6500 cP @ 20°C |
| Explosive properties | Not applicable. |
| Explosive under the influence of a flame | Not considered to be explosive. |
| Oxidising properties | Not applicable. |

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Comments Information given is applicable to the product in its ready-to-use form.

9.2. Other information

Other information None.

Refractive index Not available.

Particle size Not applicable.

Molecular weight Not determined.

Volatility 45% approx

Saturation concentration Not determined.

Critical temperature Not determined.

Volatile organic compound This product contains a maximum VOC content of 5 g/l.

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity There are no known reactivity hazards associated with this product.

10.2. Chemical stability

Stability Stable at normal ambient temperatures and when used as recommended.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions No specific material or group of materials is likely to react with the product to produce a hazardous situation.

10.4. Conditions to avoid

Conditions to avoid Avoid freezing. Avoid exposure to high temperatures or direct sunlight.

10.5. Incompatible materials

Materials to avoid No specific material or group of materials is likely to react with the product to produce a hazardous situation.

10.6. Hazardous decomposition products

Hazardous decomposition products Does not decompose when used and stored as recommended.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Toxicological effects No information available.

Acute toxicity - oral

Notes (oral LD₅₀) No specific test data are available.

Acute toxicity - dermal

Notes (dermal LD₅₀) No specific test data are available.

Acute toxicity - inhalation

Notes (inhalation LC₅₀) No specific test data are available.

Skin corrosion/irritation

Skin corrosion/irritation Not irritating., Not corrosive to skin.

Animal data

No specific test data are available.

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| Human skin model test | No specific test data are available. |
| Extreme pH | No specific test data are available. |
| <u>Serious eye damage/irritation</u> | |
| Serious eye damage/irritation | Not irritating. |
| <u>Respiratory sensitisation</u> | |
| Respiratory sensitisation | Not sensitising. |
| <u>Skin sensitisation</u> | |
| Skin sensitisation | Not sensitising. |
| <u>Germ cell mutagenicity</u> | |
| Genotoxicity - in vitro | Not determined. |
| Genotoxicity - in vivo | Not determined. |
| <u>Carcinogenicity</u> | |
| Carcinogenicity | Does not contain any substances known to be carcinogenic. |
| Target organ for carcinogenicity | Not relevant. |
| IARC carcinogenicity | Not listed. |
| <u>Reproductive toxicity</u> | |
| Reproductive toxicity - fertility | Does not contain any substances known to be toxic to reproduction. |
| Reproductive toxicity - development | Not considered to be toxic to the reproductive system. |
| <u>Specific target organ toxicity - single exposure</u> | |
| STOT - single exposure | Not applicable. |
| Target organs | Not relevant. |
| <u>Specific target organ toxicity - repeated exposure</u> | |
| STOT - repeated exposure | Not applicable. |
| Target organs | Not relevant. |
| <u>Aspiration hazard</u> | |
| Aspiration hazard | Not relevant. |
| General information | No specific health hazards known. |
| Inhalation | The product is considered to be a low hazard under normal conditions of use. |
| Ingestion | No harmful effects expected from quantities likely to be ingested by accident. |
| Skin contact | Skin irritation should not occur when used as recommended. |
| Eye contact | May cause discomfort. |
| Acute and chronic health hazards | No specific health hazards known. |
| Medical symptoms | No specific symptoms noted. |
| Medical considerations | No information available. |

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SECTION 12: Ecological Information

Ecotoxicity There are no data on the ecotoxicity of this product.

12.1. Toxicity

Toxicity Not considered toxic to fish.

Acute toxicity - fish Not determined

Acute toxicity - aquatic invertebrates Not determined.

Acute toxicity - aquatic plants Not determined.

Acute toxicity - microorganisms Not determined.

Acute toxicity - terrestrial Not determined.

Chronic toxicity - fish early life stage Not determined.

Short term toxicity - embryo and sac fry stages Not determined.

Chronic toxicity - aquatic invertebrates Not determined.

12.2. Persistence and degradability

Persistence and degradability There are no data on the degradability of this product.

Phototransformation Not determined.

Stability (hydrolysis) Not determined.

Biodegradation Not determined.

Biological oxygen demand No specific test data are available.

Chemical oxygen demand No specific test data are available.

12.3. Bioaccumulative potential

Bioaccumulative potential No data available on bioaccumulation.

Partition coefficient Not applicable.

12.4. Mobility in soil

Mobility The product is non-volatile.

Adsorption/desorption coefficient Not determined.

Henry's law constant Not determined.

Surface tension Not determined.

12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment This substance is not classified as PBT or vPvB according to current EU criteria.

12.6. Other adverse effects

Other adverse effects None known.

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SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal methods Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority. Small quantities may be absorbed in sand and allowed to dry, prior to disposal as low hazard waste. Larger quantities should be disposed of as controlled liquid waste via a licensed waste operator.

SECTION 14: Transport information

General The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).

14.1. UN number

14.2. UN proper shipping name

14.3. Transport hazard class(es)

Transport labels

14.4. Packing group

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant

No.

14.6. Special precautions for user

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

SECTION 15: Regulatory information

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

National regulations Control of Substances Hazardous to Health Regulations 2002 (as amended).

Guidance Workplace Exposure Limits EH40.
Safety Data Sheets for Substances and Preparations.

Authorisations (Title VII Regulation 1907/2006) No specific authorisations are known for this product.

Restrictions (Title VIII Regulation 1907/2006) No specific restrictions on use are known for this product.

15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

SECTION 16: Other information

Abbreviations and acronyms used in the safety data sheet ATE: Acute Toxicity Estimate.
PBT: Persistent, Bioaccumulative and Toxic substance.
vPvB: Very Persistent and Very Bioaccumulative.

General information F.Ball and Company Ltd Technical Datasheet.

Key literature references and sources for data Health and Safety Executive Guidance Note EH40 (amended annually). Workplace Exposure Limits.

Revision comments Section 9: update. Section 11 update. Section 12 update.

Revision date 11/02/2016

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| Revision | 12 |
| Supersedes date | 24/02/2015 |
| SDS status | Approved. |
| Risk phrases in full | Not classified. R22 Harmful if swallowed. |
| Hazard statements in full | H302 Harmful if swallowed. H373 May cause damage to organs through prolonged or repeated exposure. EUH208 Contains 1,2-BENZISOTHIAZOL-3(2H)-ONE. May produce an allergic reaction. |

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.