



SAFETY DATA SHEET

STYCCOBOND F52

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

1.1. Product identifier

Product name STYCCOBOND F52
Product number F3244
Internal identification SBF52/11

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

Identified uses Flooring Adhesive
Uses advised against None

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

Flam. Liq. 2 - H225

Health hazards

Not Classified

Environmental hazards

Not Classified

Classification (67/548/EEC or 1999/45/EC)

F;R11.

Environmental

Solvent contamination of drains, surface waters and land. VOC emissions to air. Potential fire and explosion hazard.

2.2. Label elements

Pictogram



Signal word Danger

STYCCOBOND F52

Hazard statements

H225 Highly flammable liquid and vapour.

Precautionary statements

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P271 Use only outdoors or in a well-ventilated area.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P313 Get medical advice/attention.

Supplementary precautionary statements

P233 Keep container tightly closed.

P243 Take precautionary measures against static discharge.

P403+P235 Store in a well-ventilated place. Keep cool.

P501 Dispose of contents/container in accordance with national regulations.

2.3. Other hazards

SECTION 3: Composition/information on ingredients

3.2. Mixtures

ETHANOL	10-30%
CAS number: 64-17-5 EC number: 200-578-6	
Classification	Classification (67/548/EEC or 1999/45/EC)
Flam. Liq. 2 - H225	F;R11
ACETONE	1-5%
CAS number: 67-64-1 EC number: 200-662-2	
Classification	Classification (67/548/EEC or 1999/45/EC)
Flam. Liq. 2 - H225	F;R11 Xi;R36 R66 R67
Eye Irrit. 2 - H319	
STOT SE 3 - H336	
METHANOL	<1%
CAS number: 67-56-1 EC number: 200-659-6	
Classification	Classification (67/548/EEC or 1999/45/EC)
Flam. Liq. 2 - H225	F;R11 T;R23/24/25,R39/23/24/25
Acute Tox. 3 - H301	
Acute Tox. 3 - H311	
Acute Tox. 3 - H331	
STOT SE 1 - H370	

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

Composition comments

Solution of resins and elastomers in a blend of organic solvents containing inert inorganic materials.

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

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Remove affected person from source of contamination.

Inhalation

Move affected person to fresh air at once. Get medical attention.

Ingestion

Rinse mouth thoroughly with water. Give plenty of water to drink. DO NOT induce vomiting. Get medical attention immediately.

Skin contact

Wash skin thoroughly with soap and water. Get medical attention if irritation persists after washing.

Eye contact

Rinse immediately with plenty of water. Continue to rinse for at least 15 minutes and get medical attention.

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

General information

The severity of the symptoms described will vary dependent on the concentration and the length of exposure.

Inhalation

Vapours may cause headache, fatigue, dizziness and nausea. May cause an asthma-like shortness of breath.

Ingestion

May cause discomfort if swallowed.

Skin contact

Skin irritation. Prolonged skin contact may cause redness and irritation.

Eye contact

Irritating to eyes. Symptoms following overexposure may include the following: Redness. Pain.

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

Extinguish with foam, carbon dioxide or dry powder.

Unsuitable extinguishing media

Do not use water jet as an extinguisher, as this will spread the fire.

5.2. Special hazards arising from the substance or mixture

Specific hazards

In case of fire toxic gases/vapours may be formed. The product is highly flammable.

Hazardous combustion products

Oxides of carbon. Oxides of nitrogen.

5.3. Advice for firefighters

Protective actions during firefighting

Cool containers exposed to heat with water spray and remove them from the fire area if it can be done without risk.

Special protective equipment for firefighters

Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions

Evacuate non-essential personnel from the spill area. No smoking, sparks, flames or other sources of ignition near spillage. Take precautionary measures against static discharge and arcing from electrical equipment. Avoid inhalation of vapours and contact with skin and eyes. Wear suitable protective equipment, including gloves, goggles/face shield, respirator, boots, clothing or apron, as appropriate. Provide adequate ventilation. Use suitable respiratory protection if ventilation is inadequate.

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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 spillage in containers, seal securely and deliver for disposal as hazardous waste.

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

Observe any occupational exposure limits for the product or ingredients. Avoid inhalation of vapours and spray/mists. Vapours may accumulate on the floor and in low-lying areas. Do not use in confined spaces without adequate ventilation and/or respirator. Eliminate all sources of ignition. Static electricity and formation of sparks must be prevented. Do not eat, drink or smoke when using the product. Good personal hygiene procedures should be implemented.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions

Stored in tightly closed original container in a cool, dry well ventilated place at a temperature between 5 deg C and 30 deg C. Protect against physical damage and/or friction. Keep away from heat, static or electrical sparks, open flame and direct sunlight. Avoid contact with oxidising agents. Keep separate from food, feedstuffs, fertilisers and other sensitive material.

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

ETHANOL

Long-term exposure limit (8-hour TWA): WEL 1000 ppm 1920 mg/m³

Short-term exposure limit (15-minute): WEL

ACETONE

Long-term exposure limit (8-hour TWA): WEL 500 ppm 1210 mg/m³

Short-term exposure limit (15-minute): WEL 1500 ppm 3620 mg/m³

METHANOL

Long-term exposure limit (8-hour TWA): WEL 200 ppm 266 mg/m³

Short-term exposure limit (15-minute): WEL 250 ppm 333 mg/m³

Sk

WEL = Workplace Exposure Limit

Sk = Can be absorbed through skin.

8.2. Exposure controls

Appropriate engineering controls

Provide adequate ventilation. Avoid inhalation of vapours. Observe any occupational exposure limits for the product or ingredients. Use explosion-proof general and local exhaust ventilation.

Personal protection

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Always check applicability with your supplier of protective equipment.

Eye/face protection

If there is a risk of splashing, wear chemical resistant goggles or visor approved to BS EN166.

Hand protection

Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. Nitrile gloves to BSEN374 are recommended. Break through times can vary depending on thickness, use and source. Change gloves regularly.

Other skin and body protection

Wear suitable protective clothing as protection against splashing or contamination. Wear apron or protective clothing in case of contact.

Hygiene measures

Provide eyewash station. Remove contaminated clothing and wash the skin thoroughly with soap and water after work. Do not smoke in work area. Good personal hygiene practices should be followed when working with chemicals.

Respiratory protection

In case of inadequate ventilation use a respirator suitable for organic vapours. Consult respirator manufacturer for specific advice.

Environmental exposure controls

Keep container tightly sealed when not in use.

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Appearance

Viscous liquid.

Colour

Buff.

Odour

Organic solvents.

pH

pH (concentrated solution): N/A

Flash point

+2 approx°C

Relative density

1.5 approx @ @ 20 degC°C

Viscosity

1200-2200 P @ 20°C

9.2. Other information

Volatility

21 w/w approx

SECTION 10: Stability and reactivity

10.1. 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

In use may form flammable/explosive vapour-air mixture.

10.4. Conditions to avoid

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Avoid heat, flames and other sources of ignition. Avoid contact with the following materials: Oxidising materials.

10.5. Incompatible materials

Materials to avoid

Flammable/combustible materials.

10.6. Hazardous decomposition products

Oxides of carbon.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Toxicological effects

No information available.

Acute toxicity - oral

ATE oral (mg/kg)

14,039.02849923

Acute toxicity - dermal

ATE dermal (mg/kg)

42117.08549768

Acute toxicity - inhalation

ATE inhalation (vapours mg/l)

421.17085498

General information

Prolonged and repeated contact with solvents over a long period may lead to permanent health problems.

Inhalation

Symptoms following overexposure may include the following: Headache. Fatigue. Dizziness. Nausea, vomiting.

Ingestion

Symptoms following overexposure may include the following: Nausea, vomiting. Stomach pain.

Skin contact

Product has a defatting effect on skin. Repeated exposure may cause skin dryness or cracking.

Eye contact

Symptoms following overexposure may include the following: Redness. Pain.

Acute and chronic health hazards

Contains a substance/a group of substances which may damage fertility and the unborn child.

Route of entry

Inhalation Skin and/or eye contact

Target organs

Eyes Respiratory system, lungs Skin Reproductive organs

Medical symptoms

Difficulty in breathing. Dryness and/or cracking. Intoxication. Irritation of eyes and mucous membranes. Nausea, vomiting.

Medical considerations

Chronic respiratory and obstructive airway diseases. Skin disorders and allergies. Pre-existing eye problems.

Toxicological information on ingredients.

METHANOL

Acute toxicity - inhalation

ATE inhalation (vapours mg/l)

3.0

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SECTION 12: Ecological Information

Ecotoxicity

The solvent content may pose a potential ecological hazard.

12.1. Toxicity

Not measured. Do not allow to enter waterways or drains

12.2. Persistence and degradability

Persistence and degradability

There are no data on the degradability of this product.

12.3. Bioaccumulative potential

No data available on bioaccumulation.

12.4. Mobility in soil

Mobility

The product is insoluble in water and will spread on the water surface. The product contains volatile organic compounds (VOCs) which will evaporate easily from all surfaces.

12.5. 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

None known.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal methods

Should be disposed of as hazardous waste via a licensed waste operator.

SECTION 14: Transport information

14.1. UN number

UN No. (ADR/RID)	1133
UN No. (IMDG)	1133
UN No. (ICAO)	1133

14.2. UN proper shipping name

Proper shipping name (ADR/RID)	ADHESIVES
Proper shipping name (IMDG)	ADHESIVES
Proper shipping name (ICAO)	ADHESIVES
Proper shipping name (ADN)	ADHESIVES

14.3. Transport hazard class(es)

ADR/RID class	3
ADR/RID subsidiary risk	
ADR/RID label	3
IMDG class	3
IMDG subsidiary risk	
ICAO class/division	3
ICAO subsidiary risk	

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Transport labels

14.4. Packing group

ADR/RID packing group	III
IMDG packing group	III
ICAO packing group	III

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant

No.

14.6. Special precautions for user

EmS	F-E, S-D
Emergency Action Code	•3YE
Hazard Identification Number (ADR/RID)	33
Tunnel restriction code	(D/E)

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

No listing known.

Guidance

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

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

GHS version

Revision date	12/02/2015
Revision	11
Supersedes date	24/02/2013
SDS status	Approved.

Risk phrases in full

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R11 Highly flammable.

R23/24/25 Toxic by inhalation, in contact with skin and if swallowed.

R36 Irritating to eyes.

R38 Irritating to skin.

R39/23/24/25 Toxic: danger of very serious irreversible effects through inhalation, in contact with skin and if swallowed.

R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R65 Harmful: may cause lung damage if swallowed.

R66 Repeated exposure may cause skin dryness or cracking.

R67 Vapours may cause drowsiness and dizziness.

Hazard statements in full

H225 Highly flammable liquid and vapour.

H301 Toxic if swallowed.

H311 Toxic in contact with skin.

H319 Causes serious eye irritation.

H331 Toxic if inhaled.

H336 May cause drowsiness or dizziness.

H370 Causes damage to organs .

Disclaimer

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.