



# STYCCOBOND F60

## Contact Adhesive

### PRODUCT DATA

#### INTRODUCTION

**STYCCOBOND F60** is a solution of synthetic rubber and resin in flammable solvents. It is suitable for use over normal underfloor heating installations and will withstand normal wet cleaning techniques. The formation of an 'instant' bond, makes it particularly suitable for use on stairs and steps.

STYCCOBOND F60 can be used for securing PVC and rubber edgings, covings and nosings, floor and wallcoverings with backings of PVC, rubber cork and most textiles.

Refer to the STYCCOBOND Recommended Adhesives Guide for details of specific floorcoverings and call Technical Services for details of wallcoverings.

STYCCOBOND F60 can be applied to STOPGAP smoothing underlayments, sound, smooth, clean, dry surfaces of concrete, sand/cement screed, granolithic, terrazzo, plaster, plasterboard, flooring grade chipboard, plywood, hardboard, wood, blockboard and steel.

STOPGAP Waterproof Surface Membranes and sound flooring grade asphalt must be skimmed with a minimum of 3mm of the appropriate smoothing underlayment.

For details on other surfaces, contact our Technical Services Department.



#### FEATURES

- Instant bond
- Fast drying
- Ideal for vertical applications

#### STANDARDS

All aspects of the installation of floorcoverings should be in accordance with the requirements of the relevant British Standard Code of Practice i.e. BS 8203 (Installation of resilient floorcoverings) or BS 5325 (Installation of textile floorcoverings) and supplementary specifications.

#### PACKAGES

5 litre tin  
1 litre tin

#### TECHNICAL INFORMATION

Colour	Pale Straw
Consistency	Viscous Liquid
Flashpoint	-18°C
Coverage Rate (Approx.)	2m <sup>2</sup> per litre coating both surfaces
Open Time (Approx.)	20 minutes – until the adhesive becomes touch dry then the two surfaces can be brought together within the next 30 minutes.

#### HOW MUCH MATERIAL?

PACK SIZE	APPLICATION	COVERAGE PER UNIT
5 litre	Safety spreader or brush	10m <sup>2</sup>
1 litre	Safety spreader or brush	2m <sup>2</sup>

Note: Coverage rates will depend on the condition and absorbency of the subfloor.

## SURFACE PREPARATION

Proper subfloor preparation is essential for the correct installation of any floor or wallcovering. Surfaces must be sound, smooth, dry (<75% RH) and free from laitance and any contaminants which will affect adhesion. Use STYCCOCLEAN C140 for removing grease, oil, polish, soap etc. from non-absorbent substrates.

Wall surfaces must be free from any previous coverings or linings and the adhesives used to fix them. Paint films must be removed. Any mould must be removed and the affected surface treated with a copper free fungicidal wash.

All surfaces must incorporate adequate damp proofing, i.e. a DPC in walls and a DPM in floors.

Concrete and sand/cement screeds must be fully cured and any laitance or surface treatments must be removed. The temperature of the floor must be maintained above 5°C throughout the application and drying of the adhesive. Underfloor heating must be off for at least 48 hours before, during and after application.

For detailed information, request the F. Ball Subfloor Preparation Guide.

## PRIMING

On suitably prepared, very absorbent surfaces use a thin coat of STYCCOBOND F60, STOPGAP P121 or STOPGAP P131.

## ADHESIVE APPLICATION

Use the spreader held at an angle of 60° or a brush to apply a thin coat of adhesive evenly to the back of the covering and to the floor or wall surface.

Allow the solvent to evaporate until the adhesive becomes touch dry before bringing the two coated surfaces together. Apply pressure from the centre outwards to avoid trapping air, ensuring that good contact is made over the whole area.

Roll floorcoverings with a 68kg roller and apply pressure to wallcoverings using a paper hangers roller or a spatula.

## PRECAUTIONS

Correct positioning is essential as an immediate bond forms when the two surfaces are brought together.

Do not use a steel trowel to apply this adhesive.

When securing floorcoverings to stairs and steps, ensure that sufficient adhesive is applied. Coverings on stairs and steps must be firmly secured.

Highly flammable. Observe the Health and Safety information provided. Empty containers are a potential fire hazard and must be disposed of carefully, in accordance with current regulations for waste materials.

## TOOLS

STYCCOBOND Safety Spreader or flat brush.

Clean tools with STYCCOCLEAN C141 or STYCCOCLEAN SOLVENT immediately after use.

## STORAGE

Store between 5°C and 30°C in accordance with current regulations for highly flammable liquids. Protect from frost.

## SHELF LIFE

12 months in unopened containers stored under good conditions.

## HEALTH AND SAFETY ADVICE

This product is classified under the Chemicals (Hazard Information and Packaging for Supply) Regulations. Obtain the relevant Material Safety Data Sheets and follow the advice given. These can be found at [www.f-ball.co.uk](http://www.f-ball.co.uk) alternatively these can be obtained from the point of purchase or from F. Ball and Co. Ltd. at the address below.

Site conditions vary, to ensure this product is suitable and to confirm this data sheet is current please contact our Technical Services Department.

For further information about F. Ball products or more detailed technical assistance, please contact:



F. Ball and Co. Ltd.

Churnetside Business Park  
Station Road, Cheddleton, Leek  
Staffordshire ST13 7RS  
United Kingdom

Tel: +44 (0) 1538 361633  
Fax: +44 (0) 1538 361622  
Tech Services Fax: +44 (0) 1538 361567  
Email: [mail@f-ball.co.uk](mailto:mail@f-ball.co.uk)

[www.f-ball.co.uk](http://www.f-ball.co.uk)



## SAFETY DATA SHEET STYCCOBOND F60

### 1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

PRODUCT NAME STYCCOBOND F60

INTERNAL ID SBF60/10

APPLICATION Flooring Adhesive

SUPPLIER F.Ball and Co.Ltd.,  
Churnetside Business Park,  
Station Road.,  
Cheddleton,  
Staffordshire ST13 7RS  
For technical and non-emergency call:  
phone: 01538 361633.  
For advice on medical emergencies,  
fires, spillages or chemical hazards  
phone: +44(0) 870 190 6777  
Fax: 01538 361622  
E-Mail: mail@f-ball.co.uk

### 2 HAZARDS IDENTIFICATION

Highly flammable.

Vapours may cause drowsiness and dizziness.

Irritating to skin.

Possible risk of harm to the unborn child.

Harmful: danger of serious damage to health by prolonged exposure through inhalation.

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

CLASSIFICATION Xn;R48/20. Rep 3;R63. Xi;R38. F;R11. N;R51/53. R67.

#### ENVIRONMENT

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

#### HUMAN HEALTH

Contains a substance with possible risk of harm to the unborn child.

### 3 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification
ACETONE	200-662-2	67-64-1	1-5%	F;R11 Xi;R36 R66 R67
BUTANONE	201-159-0	78-93-3	1-5%	F;R11 Xi;R36 R66 R67
HEXANE-norm	203-777-6	110-54-3	0.5-1%	F;R11 Repr3;R62 Xn;R65,R48/20 Xi;R38 R67 N;R51/53
NAPHTHA (PETROLEUM), HYDROTREATED LIGHT; LOW BOILING POINT HYDROGEN	265-151-9	64742-49-0	10-30%	Xn;R65. Xi;R38. F;R11. N;R51/53. R67.
ROSIN	232-475-7	8050-09-7	0.5-1%	R43
TOLUENE	203-625-9	108-88-3	30-35%	F;R11 Repr. Cat. 3;R63 Xn;R48/20,R65 Xi;R38 R67
XYLENE	215-535-7	1330-20-7	0.1-0.2%	R10 Xn;R20/21 Xi;R38

The Full Text for all R-Phrases are Displayed in Section 16

#### COMPOSITION COMMENTS

A solution of resins and elastomers in a blend of organic solvents.

### 4 FIRST-AID MEASURES

#### INHALATION

Move the exposed person to fresh air at once. Get medical attention.

**STYCCOBOND F60****INGESTION**

Rinse mouth thoroughly. Drink plenty of water. 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**

Immediately rinse with water. Continue to rinse for at least 15 minutes and get medical attention.

**5 FIRE-FIGHTING MEASURES****EXTINGUISHING MEDIA**

Extinguish with foam, carbon dioxide or dry powder. Do not use water jet as an extinguisher, as this will spread the fire.

**SPECIAL FIRE FIGHTING PROCEDURES**

Water spray should be used to cool containers.

**UNUSUAL FIRE & EXPLOSION HAZARDS****HIGHLY FLAMMABLE****SPECIFIC HAZARDS**

In case of fire toxic gases/vapours may be formed.

**PROTECTIVE MEASURES IN FIRE**

Self contained breathing apparatus and full protective clothing must be worn in case of fire.

**6 ACCIDENTAL RELEASE MEASURES****PERSONAL PRECAUTIONS**

Evacuate non-essential personnel from the spill area. Do not smoke, use naked flames or other sources of ignition. Take precautionary measures against static discharge and arcing from electrical equipment. Avoid inhalation of vapours and contact with skin and eyes. Use protective gloves, goggles and suitable protective clothing. Provide adequate ventilation. In case of inadequate ventilation, use respiratory protection.

**ENVIRONMENTAL PRECAUTIONS**

Do not discharge into drains, water courses or onto the ground.

**SPILL CLEAN UP METHODS**

Dam and absorb spillage with sand, sawdust or other absorbent. Collect spillage in containers, seal securely and deliver for disposal as hazardous waste.

**7 HANDLING AND STORAGE****USAGE PRECAUTIONS**

Observe workplace exposure limits and minimise the risk of inhalation of vapours and mist. Risk of vapour concentration 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. Avoid contact with skin and eyes. Do not eat, drink or smoke when using the product. Observe good industrial hygiene practices.

**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.

**8 EXPOSURE CONTROLS/PERSONAL PROTECTION**

Name	Std	TWA - 8 hrs		STEL - 15 min		Notes
ACETONE	WEL	500 ppm	1210 mg/m3	1500 ppm	3620 mg/m3	
BUTANONE	WEL	200 ppm(Sk)	600 mg/m3(Sk)	300 ppm(Sk)	899 mg/m3(Sk)	
HEXANE-norm	WEL	20 ppm	72 mg/m3			
TOLUENE	WEL	50 ppm(Sk)	191 mg/m3(Sk)	100 ppm(Sk)	384 mg/m3(Sk)	
XYLENE	WEL	50 ppm(Sk)	220 mg/m3(Sk)	100 ppm(Sk)	441 mg/m3(Sk)	

WEL = Workplace Exposure Limit.

**ENGINEERING MEASURES**

Provide adequate ventilation. Observe Workplace Exposure Limits and minimise the risk of inhalation of vapours. Explosion-proof general and local exhaust ventilation.

**RESPIRATORY EQUIPMENT**

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

**STYCCOBOND F60****HAND PROTECTION**

Protective gloves should be used if there is a risk of direct contact or splash. Nitrile gloves to BSEN374 are recommended. Break through times can vary depending on thickness, use and source. Change gloves regularly.

**EYE PROTECTION**

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

**OTHER PROTECTION**

Wear suitable protective clothing as protection against splashing or contamination.

**PERSONAL PROTECTION**

Always check applicability with your supplier of protective equipment.

**9 PHYSICAL AND CHEMICAL PROPERTIES**

APPEARANCE	Viscous liquid		
COLOUR	Brown		
ODOUR	Organic solvents.		
RELATIVE DENSITY	0.85-0.89 approx @20 degC	VOLATILE BY VOL. (%)	74 w/w approx
pH-VALUE, CONC. SOLUTION	Not applicable	VISCOSITY	8000 - 10,000 cps @ 20 degC
FLASH POINT (°C)	-18 approx CC (Closed cup).		

**10 STABILITY AND REACTIVITY****STABILITY**

Stable under normal temperature conditions and recommended use.

**CONDITIONS TO AVOID**

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

**HAZARDOUS DECOMPOSITION PRODUCTS**

Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.

**11 TOXICOLOGICAL INFORMATION****INHALATION**

Harmful by inhalation. In high concentrations, vapours are narcotic and may cause headache, fatigue, dizziness and nausea.

**INGESTION**

Irritating. May cause nausea, stomach pain and vomiting.

**SKIN CONTACT**

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

**EYE CONTACT**

Irritating and may cause redness and pain. Risk of corneal damage.

**SPECIFIC EFFECTS**

Contains a substance with possible risk of harm to the unborn child.

**12 ECOLOGICAL INFORMATION****ECOTOXICITY**

Dangerous for the environment: May cause long-term adverse effects in the aquatic environment.

**DEGRADABILITY**

The dried product is not readily biodegradable but is inert and not likely to pose an ecological hazard.

**13 DISPOSAL CONSIDERATIONS****DISPOSAL METHODS**

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

**WASTE CLASS**

Hazardous Waste Codes: Product: 080409\* ; Contaminated empty container 150110\*

**14 TRANSPORT INFORMATION**

**STYCCOBOND F60**

UK ROAD CLASS	3		
PROPER SHIPPING NAME	ADHESIVES		
UN NO. ROAD	1133	UK ROAD PACK GR.	III
ADR CLASS NO.	3	ADR CLASS	Class 3: Flammable liquids.
ADR PACK GROUP	III	HAZARD No. (ADR)	30
ADR LABEL NO.	3	HAZCHEM CODE	3YE
CEFIC TEC(R) NO.	30GF1-III, 30GF1-sp	RID CLASS NO.	3
RID PACK GROUP	III	UN NO. SEA	1133
IMDG CLASS	3	IMDG PAGE NO.	3
IMDG PACK GR.	III	EMS	F-E, S-D
MFAG	See Guide	MARINE POLLUTANT	No.
UN NO. AIR	1133	AIR CLASS	3
AIR PACK GR.	III		

**15 REGULATORY INFORMATION**

## LABELLING



Harmful



Highly Flammable



Dangerous for the environment

CONTAINS TOLUENE

## RISK PHRASES

R11	Highly flammable.
R38	Irritating to skin.
R48/20	Harmful: danger of serious damage to health by prolonged exposure through inhalation.
R63	Possible risk of harm to the unborn child.
R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R67	Vapours may cause drowsiness and dizziness.

## SAFETY PHRASES

S7/9	Keep container tightly closed and in a well-ventilated place.
S16	Keep away from sources of ignition - No smoking.
S24/25	Avoid contact with skin and eyes.
S33	Take precautionary measures against static discharges.
S36/37	Wear suitable protective clothing and gloves.
S51	Use only in well-ventilated areas.
S60	This material and its container must be disposed of as hazardous waste.
P14	Contains ROSIN. May produce an allergic reaction.

**16 OTHER INFORMATION**

## GENERAL INFORMATION

F.Ball and Company Ltd Technical Datasheet.

## INFORMATION SOURCES

Health and Safety Executive Guidance Note EH40 (amended annually). Workplace Exposure Limits.

## REVISION COMMENTS

Section 3: update. Section 8: update

**STYCCOBOND F60**

REVISION DATE 22/08/08

REV. NO./REPL. SDS GENERATED 10

## RISK PHRASES IN FULL

R10	Flammable.
R11	Highly flammable.
R20/21	Harmful by inhalation and in contact with skin.
R36	Irritating to eyes.
R38	Irritating to skin.
R43	May cause sensitisation by skin contact.
R48/20	Harmful: danger of serious damage to health by prolonged exposure through inhalation.
R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R62	Possible risk of impaired fertility.
R63	Possible risk of harm to the unborn child.
R65	Harmful: may cause lung damage if swallowed.
R66	Repeated exposure may cause skin dryness or cracking.
R67	Vapours may cause drowsiness and dizziness.