



STYCCOBOND F61

Heavy Duty Contact Adhesive

PRODUCT DATA

INTRODUCTION

STYCCOBOND F61 is a solution of synthetic rubber and resin in flammable solvents. The adhesive should be applied by fibre spreader or brush and combines quick drying with a long open time. 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 F61 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.

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

- Long open time
- Quick drying
- Heavy duty

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
4 tins per carton

TECHNICAL INFORMATION

Colour	Pale Straw
Consistency	Viscous Liquid
Flashpoint	-17°C
Coverage Rate (Approx.)	2m ² 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.
Drying Time	24 hours

HOW MUCH MATERIAL?

PACK SIZE	APPLICATION	COVERAGE PER UNIT
5 litres	Safety spreader or brush	10m ²

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

SURFACE PREPARATION

Proper surface 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.

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 and after application.

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.

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

PRIMING

On suitably prepared, very absorbent surfaces use a thin coat of STYCCOBOND F61, 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 (approximately 20 minutes), before bringing the two coated surfaces together within the next 30 minutes. 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 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

www.f-ball.co.uk



SAFETY DATA SHEET STYCCOBOND F61

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

PRODUCT NAME STYCCOBOND F61

INTERNAL ID SBF61/9

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 eyes and skin.

Possible risk of harm to the unborn child.

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

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

CLASSIFICATION Xn;R48/20. Rep 3;R63. Xi;R36/38. F;R11. R52/53, 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
ETHYL ACETATE	205-500-4	141-78-6	10-30%	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	10-30%	F;R11 Repr. Cat. 3;R63 Xn;R48/20,R65 Xi;R38 R67
XYLENE	215-535-7	1330-20-7	0.2-0.5%	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 polychloroprene elastomers in a halogenated aliphatic solvent and containing small percentage of stabilisers..

4 FIRST-AID MEASURES

INHALATION

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

STYCCOBOND F61**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
ETHYL ACETATE	WEL	200 ppm		400 ppm		
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 F61**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	0.89-0.91approx @ 20 degC	VOLATILE BY VOL. (%)	74 w/w approx
pH-VALUE, CONC. SOLUTION	N/A	VISCOSITY	5000-7000 approx cps @ 20 degC
FLASH POINT (°C)	-17 approx		

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: danger of serious damage to health by prolonged exposure through 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 biodegradeable 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 F61



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

15 REGULATORY INFORMATION

LABELLING



Harmful



Highly Flammable

CONTAINS

TOLUENE

RISK PHRASES

R11	Highly flammable.
R36/38	Irritating to eyes and skin.
R48/20	Harmful: danger of serious damage to health by prolonged exposure through inhalation.
R52/53	Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R63	Possible risk of harm to the unborn child.
R67	Vapours may cause drowsiness and dizziness.

SAFETY PHRASES

S9	Keep container in a well-ventilated place.
S16	Keep away from sources of ignition - No smoking.
S24/25	Avoid contact with skin and eyes.
S26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
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.

STYCCOBOND F61

REVISION COMMENTS

Changes to sections 2, 3, 8 and 15

REVISION DATE 28/08/08

REV. NO./REPL. SDS GENERATED 9

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.