



STYCCOBOND F12

Multi Purpose Aerosol Adhesive

PRODUCT DATA

INTRODUCTION

STYCCOBOND F12 is a flammable rubber resin solution adhesive which withstands normal carpet cleaning techniques and is easily applied through an adjustable spray nozzle.

STYCCOBOND F12 can be used for securing a wide range of materials but is particularly suitable for spot sticking carpet tiles (except PVC backed types) and for perimeter fixing of felt or rubber foam backed carpets. It is suitable for use on most common subfloors but not suitable on fully flexible vinyl floorcoverings.

STYCCOBOND F12 can be applied to STOPGAP smoothing underlayments, structurally sound, smooth, dry subfloors of concrete and sand/cement screed, plywood, flooring grade chipboard and hardboard.

STOPGAP Waterproof Surface Membranes, sound flooring grade asphalt and other non-absorbent surfaces must be skimmed with a minimum of 3mm of the appropriate STOPGAP smoothing underlayment.

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



FEATURES

- Ready to use with adjustable spray control

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 5325 (Installation of textile floorcoverings) and supplementary specifications.

PACKAGES

500ml aerosol

TECHNICAL INFORMATION

Colour	Pale Straw
Coverage Rate (Approx.)	3m ² per can, coating both surfaces
Drying Time	1 – 3 minutes, depending on the condition and absorbency of the surface

HOW MUCH MATERIAL?

PACK SIZE	APPLICATION	COVERAGE PER UNIT
500ml	Spray	3m ²

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 floorcovering. Subfloors must be structurally 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 10°C throughout the application and drying of the adhesive. Underfloor heating must be off for at least 48 hours before and after application.

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

DAMP SUBFLOORS

The Relative Humidity (RH) of the subfloor can be measured using the F. Ball Digital Hygrometer. Where the RH value is greater than 75% the appropriate STOPGAP Waterproof Surface Membrane should be applied.

SMOOTHING

To ensure a level surface on which to adhere to, uneven and irregular surfaces should be suitably prepared using the appropriate STOPGAP smoothing underlayments.

PRIMING

Priming is not required.

ADHESIVE APPLICATION

Select the spray pattern required by turning the adjustable aerosol nozzle. Holding the can 120mm - 175mm away from the surface, apply an even coat of adhesive to both surfaces. Allow the adhesive to become tacky (1 - 3 minutes) then press the two surfaces together firmly.

Note: Very absorbent surfaces may require two coats of adhesive.

After use, invert the can and press the plunger to expel a small amount of propellant to clear the nozzle of adhesive.

PRECAUTIONS

Pressurised container.

Protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use. Do not spray on a naked flame or any incandescent material. Prohibit smoking or use of any means of ignition which may initiate ignition of the product spray in the work area.

STORAGE

Store between 5°C and 30°C.
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:



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SAFETY DATA SHEET STYCCOBOND F12

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY/UNDERTAKING

PRODUCT NAME STYCCOBOND F12
INTERNAL ID SBF12/7
APPLICATION Aerosol spray 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 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification
ACETONE	200-662-2	67-64-1	10-30%	F;R11 Xi;R36 R66 R67
BUTANE	203-448-7	106-97-8	30-35%	F+;R12
CYCLOHEXANE	203-806-2	110-82-7	10-30%	F;R11 Xn;R65 Xi;R38 R67 N;R50/53

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

COMPOSITION COMMENTS

Solution of elastomers and resins in organic solvent in a pressurised aerosol canister

3 HAZARDS IDENTIFICATION

Extremely flammable. Vapours may cause drowsiness and dizziness. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

CLASSIFICATION F+;R12. N;R51/53. R67.

ENVIRONMENT

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

PHYSICAL AND CHEMICAL HAZARDS

Product vapours are extremely flammable. The canister contents are pressurised.

HUMAN HEALTH

Propane gas when present at high concentrations in air is an asphyxiant

4 FIRST-AID MEASURES

INHALATION

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

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

STYCCOBOND F12**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**EXTREMELY FLAMMABLE****SPECIFIC HAZARDS**

Aerosol containers can explode when heated, due to excessive pressure build-up.

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

Store in a cool, dry well ventilated place at a temperature between 5 degC and 30 deg C. Aerosol cans: Must not be exposed to direct sunlight or temperatures above 50°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	LT - ppm	LT - mg/m3	ST - ppm	ST - mg/m3
BUTANE	WEL	600 ppm	1450 mg/m3	750 ppm	1810 mg/m3
CYCLOHEXANE	WEL	100 ppm	350 mg/m3	300 ppm	1050 mg/m3
ACETONE	WEL	500 ppm	1210 mg/m3	1500 ppm	3620 mg/m3

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.

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**

Aerosol container containing a mixture of active ingredients, solvents and propellants.

STYCCOBOND F12

ODOUR	Organic solvents.		
pH-VALUE, CONC. SOLUTION	N/A	FLASH POINT (°C)	<-40
FLAMMABILITY LIMIT - LOWER(%)	1.8	FLAMMABILITY LIMIT - UPPER(%)	9.5

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**

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.

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. Empty containers must not be burned because of explosion hazard.

WASTE CLASS

Hazardous waste Code for Product : 160504*

14 TRANSPORT INFORMATION

UK ROAD CLASS	2.1		
PROPER SHIPPING NAME	AEROSOLS		
UN NO. ROAD	1950	UK ROAD PACK GR.	Not Applicable
ADR CLASS NO.	2	ADR CLASS	Class 2: Gases
ADR PACK GROUP	Not Applicable	ADR LABEL NO.	2.1
CEPIC TEC(R) NO.	20G5F	RID CLASS NO.	2
RID PACK GROUP	Not Applicable	UN NO. SEA	1950
IMDG CLASS	2.1	IMDG PAGE NO.	2.1
IMDG PACK GR.	Not Applicable	EMS	F-D, S-U
MFAG	See Guide	MARINE POLLUTANT	No.
UN NO. AIR	1950	AIR CLASS	2.1
AIR PACK GR.	Not Applicable		

STYCCOBOND F12

15 REGULATORY INFORMATION

LABELLING



Extremely Flammable



Dangerous for the environment

CONTAINS

CYCLOHEXANE

RISK PHRASES

R12	Extremely flammable.
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

S16	Keep away from sources of ignition - No smoking.
S23	Do not breathe vapour/spray.
S24/25	Avoid contact with skin and eyes.
S33	Take precautionary measures against static discharges.
S51	Use only in well-ventilated areas.
S60	This material and its container must be disposed of as hazardous waste.

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 1: Addition of emergency telephone number. Section 8 : Improved PPE information. Section 13: Addition of waste codes.

Section 8: WEL update.

REVISION DATE 25/05/06

REV. NO./REPL. SDS GENERATED 7

RISK PHRASES IN FULL

R11	Highly flammable.
R12	Extremely flammable.
R36	Irritating to eyes.
R38	Irritating to skin.
R50/53	Very 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.