



STYCCOBOND F41

Carpet Tile Tackifier with Rust Inhibitor

PRODUCT DATA

INTRODUCTION

STYCCOBOND F41 is a solvent free acrylic polymer emulsion adhesive that contains a rust inhibitor. It is designed to provide a permanently tacky film which prevents 'loose-lay' carpet tiles from moving under normal traffic but enables them to be lifted and replaced easily when required. It is non-flammable, is protected against biodegradation, is suitable for use over normal underfloor heating installations, is resistant to plasticiser migration and will withstand normal wet cleaning techniques.

STYCCOBOND F41 can be used for securing a wide range of carpet tiles backed with bitumen/felt, non-woven fabric, PVC and other polymer backings.

See the STYCCOBOND Recommended Adhesives Guide for details of specific floorcoverings.

STYCCOBOND F41 can be applied to STOPGAP smoothing underlayments, structurally sound, smooth, dry subfloors of concrete and sand/cement screed, plywood, flooring grade chipboard and hardboard.

STYCCOBOND F41 can also be applied to non-absorbent subfloors such as STOPGAP Waterproof Surface Membranes, Raised Access Flooring Panels, Steel, Terrazzo, Granolithic, Linoleum and Vinyl Floorcoverings.

Sound flooring grade asphalt must be skimmed with a minimum of 3mm of the appropriate STOPGAP smoothing underlayment.

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



FEATURES

- Prevents loose-lay tiles from moving
- Allows individual, damaged or worn tiles to be quickly removed or replaced
- Added rust inhibitor present for use on raised access flooring

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

25 litre bottle
5 litre bottle

TECHNICAL INFORMATION

Colour	White
Consistency	Viscous Liquid
Coverage Rate (Approx.)	7m ² per litre with a roller
Drying Time (Approx.)	30 minutes depending on temperature, humidity and absorbency of the subfloor.

HOW MUCH MATERIAL?

PACK SIZE	APPLICATION	COVERAGE PER UNIT
25 litres	Roller	175m ²
5 litres	Roller	35m 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, during 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

Highly absorbent subfloors such as sand/cement screeds and plywood etc. may cause rapid drying of the adhesive, thus reducing the open time. Use STOPGAP PI31 diluted 4 parts of water and stir until thoroughly dispersed. This should be allowed to dry thoroughly before proceeding with the installation.

Dry and suitably prepared calcium sulphate screeds, e.g. anhydrite must be primed with neat STOPGAP PI21.

ADHESIVE APPLICATION

Using the brush or roller, apply the adhesive evenly to the subfloor, over the whole area to be covered. Allow to dry to a clear, tacky film before placing the carpet tiles in position, pressing firmly from the centre outwards and paying particular attention to the edges. When used over a raised access panel system, the tackifier should be poured into a tray and applied carefully using a roller to avoid excess adhesive seeping between individual panels and achieve the recommended coverage figure.

Installation of PVC backed carpet tiles over vinyl floorcoverings

Apply STYCCOBOND F41 by brush or roller in bands to the back of the tile, avoiding the edges. Allow to dry before placing the tile in position.

PRECAUTIONS

Do not place the tiles before the adhesive has dried to a clear film. This can result in a permanent bond being formed. In heavy traffic areas e.g. where concentrated stiletto heel or heavy wheeled traffic is anticipated, permanently bonding tiles has been found to help extend their life. Consult the tile manufacturer for advice in these situations.

See the STYCCOBOND Recommended Adhesives Guide for suitable permanent adhesives if required.

TOOLS

STYCCOBOND Paint Roller or medium stiff broom.

Tools should be cleaned with warm soapy water while the adhesive is still wet.

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 not classified under the Chemicals (Hazard Information and Packaging for Supply) Regulations. A Material Safety Data Sheet is available for the professional user on request. 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 F41

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

PRODUCT NAME STYCCOBOND F41
INTERNAL ID SBF41/11
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

Not regarded as a health or environmental hazard under current legislation.

3 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification
ALKYLPHENOETHERSULPHATE SODIUM SALT			1-2%	Xi;R41. R52/53.

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

COMPOSITION COMMENTS

Acrylic Copolymer Emulsion

4 FIRST-AID MEASURES

INHALATION

Move the exposed person to fresh air at once. Get medical attention if any discomfort continues.

INGESTION

Rinse mouth thoroughly. Drink plenty of water. 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

Immediately rinse with water. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

5 FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA

This product is not flammable. Use fire-extinguishing media appropriate for surrounding materials.

6 ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS

Use protective gloves, goggles and suitable protective clothing.

ENVIRONMENTAL PRECAUTIONS

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

STYCCOBOND F41**SPILL CLEAN UP METHODS**

Small Spillages Absorb with sand or other inert absorbent. Large Spillages Dam and absorb spillages with sand, earth or other non-combustible material. Collect spillage in containers, seal securely and deliver for disposal according to local regulations. Wear necessary protective equipment.

7 HANDLING AND STORAGE**USAGE PRECAUTIONS**

Provide good ventilation. Do not use in confined spaces without adequate ventilation and/or respirator. Avoid contact with skin and eyes. Observe good industrial hygiene practices. Do not eat, drink or smoke when using the product.

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.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION**ENGINEERING MEASURES**

Provide adequate ventilation.

HAND PROTECTION

For prolonged or repeated skin contact use suitable protective gloves. 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.

HYGIENE MEASURES

Good personal hygiene practices should be followed when working with chemicals.

PERSONAL PROTECTION

Always check applicability with your supplier of protective equipment.

9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Emulsion		
COLOUR	White		
ODOUR	Typical acrylic		
RELATIVE DENSITY	1.00-1.03 approx @ 20 degC	VAPOUR PRESSURE	23 mbar @ 20degC (water)
VOLATILE BY VOL. (%)	40 w/w approx (water)	pH-VALUE, CONC. SOLUTION	4.5-5.5
VISCOSITY	40-60 Ps @ 20 degC	FLASH POINT (°C)	N/A

10 STABILITY AND REACTIVITY**STABILITY**

Stable under normal temperature conditions and recommended use.

CONDITIONS TO AVOID

Avoid frost. Avoid exposure to high temperatures or direct sunlight.

11 TOXICOLOGICAL INFORMATION**INHALATION**

May cause some discomfort in poorly ventilated areas.

INGESTION

May cause discomfort if swallowed.

SKIN CONTACT

Prolonged contact may cause redness and irritation. Skin irritation is not anticipated when used normally.

EYE CONTACT

May cause irritation, soreness and reddening of the eyes

12 ECOLOGICAL INFORMATION**ECOTOXICITY**

There are no data on the ecotoxicity of this product.

13 DISPOSAL CONSIDERATIONS

STYCCOBOND F41

DISPOSAL METHODS

Dispose of waste and residues in accordance with local authority requirements. 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.

WASTE CLASS

Waste Code for Product : 080410

14 TRANSPORT INFORMATION

GENERAL	The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).		
	No transport warning sign required.		
ADR CLASS	Not classified for transportation.	MARINE POLLUTANT	No.

15 REGULATORY INFORMATION

RISK PHRASES	NC	Not classified.
SAFETY PHRASES	P13	Safety data sheet available for professional user on request.

16 OTHER INFORMATION

GENERAL INFORMATION

F.Ball and Company Ltd Technical Datasheet.

REVISION COMMENTS

Section 9: update.

REVISION DATE 5/03/09

REV. NO./REPL. SDS GENERATED 11

RISK PHRASES IN FULL

R41	Risk of serious damage to eyes.
R52/53	Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.