



# STYCCOSEAL F3I

## Silicone Sealant

## PRODUCT DATA

### INTRODUCTION

**STYCCOSEAL F3I** is a one component silicone sealant for use where smooth floorcoverings butt up to non-porous surfaces such as ceramics, glass, metal and many plastics. It is supplied in a cartridge for application from a standard caulking gun and cures, by reacting with moisture in the air, to form a tough, rubbery, waterproof bead. It is resistant to fungus and is suitable for exterior use.

STYCCOSEAL F3I is used for sealing floorcoverings to sanitary ware, ceramic tiles, matwells, pipes, gutters, gulleys etc.

### PREPARATION

All surfaces must be sound, dry and free from contaminants which will affect adhesion.

### APPLICATION

Fit the cartridge into the applicator gun, cut the seal from the end of the cartridge, screw on the plastic nozzle and cut the nozzle to provide a suitable bead diameter if required. Apply sufficient sealant to fill the gap and wet both joint surfaces, avoiding the formation of voids. Partly used cartridges can be retained from one day to the next. A cured slug of sealant will form in the top of the nozzle, but when this is removed the sealant remaining in the cartridge will be ready for use. In order to obtain sharp, clean edges, use masking tape but remove this immediately after the bead has been spread, before a skin forms.

### PRECAUTIONS

A small quantity of acetic acid is emitted as a by-product during curing. This is volatile and disappears after curing is complete but care should be taken in confined spaces. Do not use with materials that bleed oils, plasticisers or solvents.

### TOOLS

Applicator gun.

### STORAGE

Store between 5°C and 30°C. Protect from frost.

### SHELF LIFE

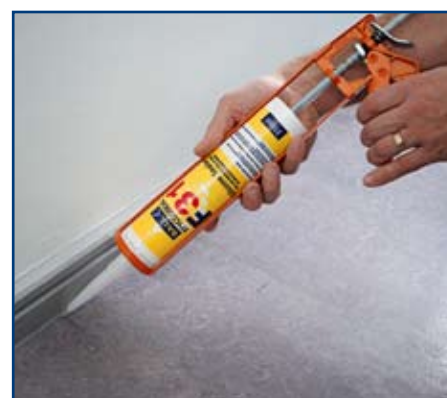
12 months in unopened containers and stored under good conditions.

### PACKAGES

310ml cartridge. 12 cartridges per carton.

### TECHNICAL INFORMATION

Colour	Translucent, White and Black
Slump	None in gaps up to 20mm wide
Working Time	10 – 15 minutes
Tack Free Time	1 hour at 25°C
Cure Time	24 hours at 20°C and 50% relative humidity for a 6mm bead
Coverage Rates (Approx.)	11 linear metres of 6mm bead



### FEATURES

- Seals joints between smooth floorcoverings and non-porous surfaces
- Moisture curing
- Forms a tough, rubbery, waterproof bead
- Resistant to fungus
- Suitable for exterior use

### 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](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.**  
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## SAFETY DATA SHEET STYCCOSEAL F31

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

PRODUCT NAME STYCCOSEAL F31

INTERNAL ID SSF31/6

APPLICATION Silicone Rubber sealant, cartridge -dispensed, moisture curing.

SUPPLIER F.Ball and Co.Ltd.,  
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For advice on medical emergencies,  
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E-Mail: mail@f-ball.co.uk

### 2 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification
ALKYLTRIACETOXYSILOXANE		17689-77-9	1-5%	C;R34.
METHYLTRIACETOXYSILOXANE		4253-34-3	1-5%	C;R34. R14.

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

#### COMPOSITION COMMENTS

Blend of acetoxysiloxanes with structuring agents and pigments

### 3 HAZARDS IDENTIFICATION

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

#### HUMAN HEALTH

The product cures with atmospheric moisture to release acetic acid vapour - WEL 25 mg/m<sup>3</sup> (10 ppm) 8h TWA.

### 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

Use: Small fires: Foam, carbon dioxide or dry powder. Larger fires: Water spray.

#### SPECIFIC HAZARDS

In case of fire, toxic gases may be formed.

#### PROTECTIVE MEASURES IN FIRE

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

**STYCCOSEAL F31****6 ACCIDENTAL RELEASE MEASURES****PERSONAL PRECAUTIONS**

Use protective gloves, goggles and suitable protective clothing. In case of inadequate ventilation, use respiratory protection.

**ENVIRONMENTAL PRECAUTIONS**

Do not allow to enter drains, sewers or watercourses.

**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. Do not eat, drink or smoke when using the product. Observe good industrial hygiene practices.

**STORAGE PRECAUTIONS**

Keep separate from food, feedstuffs, fertilisers and other sensitive material. Store in tightly closed original container in a cool, dry well-ventilated place.

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

Provide adequate ventilation.

**RESPIRATORY EQUIPMENT**

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

**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.

**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	Paste		
COLOUR	Translucent. Black or White		
ODOUR	Pungent		
RELATIVE DENSITY	1.01 approx @ 20 degC	pH-VALUE, CONC. SOLUTION	N/A
FLASH POINT (°C)	N/A		

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

Stable under normal temperature conditions and recommended use.

**CONDITIONS TO AVOID**

Avoid exposure to high temperatures or direct sunlight.

**HAZARDOUS DECOMPOSITION PRODUCTS**

None under normal conditions.

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

May cause some discomfort in poorly ventilated areas. Product cures with atmospheric moisture to release acetic acid vapour. It is likely that Workplace Exposure Limits will only be exceeded in confined spaces without adequate ventilation.

**INGESTION**

May cause discomfort if swallowed.

**STYCCOSEAL F31****SKIN CONTACT**

Prolonged or repeated exposure may cause some irritation of the skin.

**EYE CONTACT**

May cause temporary eye irritation.

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

The product should not be allowed to enter drains, sewers or watercourses.

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

Small quantities should be allowed to cure fully and disposed of as low hazard waste.

Large quantities in full or part full cartridges should be disposed of as controlled 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 1: Addition of emergency telephone number. Section 8 : Improved PPE information. Section 13: Addition of waste codes.

REVISION DATE 20/6/06

REV. NO./REPL. SDS GENERATED 6

**RISK PHRASES IN FULL**

R14 Reacts violently with water.

R34 Causes burns.