



# STOPGAP F75

## HIGH-PERFORMANCE WATERPROOF SURFACE MEMBRANE

### TWO COAT APPLICATION SYSTEM

## PRODUCT DATA

### INTRODUCTION

**STOPGAP F75** is a solvent free two part epoxy resin system which cures to provide a waterproof surface membrane. STOPGAP F75 prevents the passage of residual construction moisture from affecting subsequent floorcovering installations, therefore allowing early installation of floorcoverings in fast track building programmes. STOPGAP F75 is pigmented red to allow the user to visually control coverage uniformity. It can be used to isolate residual construction moisture where relative humidity values are above 92%.

### BASE PREPARATION

Subfloors must be absorbent, sound, smooth, clean, surface dry and free from dust, adhesive residues and other contaminants which will prevent adhesion or deteriorate in damp conditions. Bases must be fully cured and laitance, surface hardeners and waterproofer must be removed. The floor temperature must be above 10°C when the membrane is applied. New concrete or sand/cement screeds must be left for a minimum of 7 days before application of the membrane. Rough or uneven concrete or sand/cement screeds must be smoothed with STOPGAP 900 DPM-PREP acrylic smoothing underlayment. The underlayment should be left for 24 hours to dry before application of the waterproof surface membrane. Power floated subfloors should be shot blasted to assist adhesion. Bay joints in the subfloor where continual differential movement of the base is not anticipated, or small hollows may be filled with STOPGAP F75 mixed with dry sand and allowed to fully cure before applying the membrane.

### SURFACE PREPARATION (APPLIED MEMBRANE)

In all cases two coats should be applied. It should be applied over the whole floor and up to the DPC in the wall where the relative humidity value of the subfloor does not exceed 98%. It is essential that hygrometer readings, in accordance with Appendix A of BS8203 (Installation of resilient floorcoverings) or BS5325 (Installation of textile floorcoverings) are taken and recorded prior to commencing the installation. Prime the surface with neat STOPGAP PI31 primer then apply the appropriate STOPGAP smoothing underlayment to the fully cured membrane to provide an absorbent surface suitable for the application of adhesives. For details on specific floorcoverings see the STYCCOBOND Recommended Adhesives Guide and adhesives data sheets, alternatively consult the Technical Services Department, where a written specification will be prepared on request.

### TECHNICAL INFORMATION

Colour	Red
Consistency	Liquid
Coverage	3.5m <sup>2</sup> per kg - 1 <sup>st</sup> coat / 5.0m <sup>2</sup> per kg - 2 <sup>nd</sup> coat
Working Time	40 minutes when poured on to the floor at 20 °C 30 minutes with STOPGAP ACCELERATOR when poured on to the floor at 20°C.
Cure Time	This greatly depends on temperature. At 20 °C allow 7 - 15 hours between coats. The second coat should be left 18 - 24 hours before application of primer or adhesive. STOPGAP ACCELERATOR reduces the cure time to approximately 3 hours between coats and for overlaying the second coat.



### FEATURES

- Suppresses the passage of construction moisture and rising damp up to 98% RH.
- Colour pigmented to aid coverage uniformity.

### PACKAGES

5kg and 10kg kits. The resin and hardener are supplied in the correct quantities for mixing without measuring.

### HOW MUCH MATERIAL?

Size	Coverage (2 coat application)
5kg + 10kg	3.5m <sup>2</sup> per kg for the 1 <sup>st</sup> coat and 5m <sup>2</sup> per kg for the 2 <sup>nd</sup> coat.

Note: The coverage rate refers to a smooth, clean surface. A textured or highly absorbent surface profile will reduce the coverage rate.

## PRECAUTIONS

Mix only in full packs as mixing ratios are critical. Do not over mix as this can generate heat and shorten the normal working time. Failure to ensure that all of the resin and hardener is completely mixed prior to application will leave patches of soft uncured material on the floor and render the membrane ineffective.

Construction joints designed to allow movement of the subfloor must not be bridged with STOPGAP F75 waterproof surface membrane. These joints must be sealed with a suitable impervious flexible jointing compound after the application of the membrane.

Do not store the products above 25°C prior to mixing as this will shorten the normal working time.

Not suitable over floors that incorporate an underfloor heating system.

Do not use over synthetic anhydrite subfloors.

## MIXING

Empty all the contents of the Hardener container into the Resin container and thoroughly stir together using a power whisk fitted in a low speed electric drill, until a uniform colour and consistency is achieved (approximately 2 minutes). Scrape the sides of the container to ensure all the Resin component has been mixed. If required, add STOPGAP ACCELERATOR and mix for a further minute. **STOPGAP F75 hardens by chemical reaction. It is important that once mixed the membrane is applied immediately to the subfloor.**

## APPLICATION

Pour the mixed product onto the floor immediately after mixing. Spread the material with a brush or STYCCOBOND paint roller, working well into the surface to ensure a continuous application. The second coat must be applied after the first coat has been allowed to cure, so that the surface is tack free. This is normally after 7-15 hours depending on the temperature. Do not leave it longer than 24 hours. Apply the second coat as previously described at right angles to the first coat. When the second coat of the membrane has fully cured apply neat STOPGAP PI31 general purpose neoprene primer, before applying a smoothing underlayment. It is essential that the membrane hardens to form a continuous coating, free from pinholes or weak spots and that it has a glossy red finish over the whole surface. When applied to very absorbent surfaces the membrane can be absorbed into the subfloor leaving a subdued shine. In such instances or where pinholes are evident a further application will be required, as detailed above.

### NOTE:

When applying STOPGAP 100 smoothing underlayment, within 24 hours of curing, to STOPGAP F75, priming is not required – please refer to the STOPGAP 100 data sheet for further information.

Under certain conditions it may be possible to apply a suitable adhesive such as STYCCOBOND F40, F41, F46, B93 or B95 direct to the fully cured membrane.

## WORKING TIMES

Once mixed and poured on to the floor STOPGAP F75 will remain workable for approximately 40 minutes at 20°C. If STOPGAP ACCELERATOR has been used the working time will be approximately 30 minutes. At lower temperatures the time will be extended. If mixed and left in the container, the working time of STOPGAP F75 will be significantly reduced.

## CURING TIMES

This greatly depends on temperature. At 20°C allow 7-15 hours between coats. The second coat should be left 18-24 hours before application of primer where necessary and a smoothing underlayment. A suitable pressure sensitive adhesive or surface tackifier can be applied directly to the membrane after 18-24 hours. At lower temperatures the cure time will be extended. STOPGAP ACCELERATOR reduces the cure time to approximately 3 hours between coats and for overlaying the second coat.

## TOOLS

Medium stiff paint brush or roller. Use STYCCOCLEAN C141 general purpose cleaner to remove uncured material from tools and equipment.

## STORAGE

Store between 5°C and 30°C.

## SHELF LIFE

18 months in unopened containers stored under good conditions.

## HEALTH & 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 requested 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 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 STOPGAP F75 HARDENER

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

PRODUCT NAME STOPGAP F75 HARDENER

INTERNAL ID SG75H/7

APPLICATION Component of epoxy resin based system

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For advice on medical emergencies,  
fires, spillages or chemical hazards  
phone: +44(0) 870 190 6777  
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### 2 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification
2,4,6-TRIS(DIMETHYL AMINOMETHYL) PHENOL	202-013-9	90-72-2	5-10%	Xn;R22 Xi;R36/38
3-AMINOPROPYLTRIETHOXYSILANE	213-048-4	919-30-2	1-5%	C;R34 Xn;R22
BENZYL ALCOHOL	202-859-9	100-51-6	35-50%	Xn;R20/22
BIS(DIMETHYLAMINOMETHYL)-PHENOL		71074-89-0	1-5%	C;R34.
ISOPHORONEDIAMINE	220-666-8	2855-13-2	10-30%	C;R34 Xn;R21/22 R43 R52/53
SALICYLIC ACID	200-712-3	69-72-7	5-10%	Xn;R20/21/22. Xi;R37/38,R41.

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

#### COMPOSITION COMMENTS

Amine curing agent

### 3 HAZARDS IDENTIFICATION

Harmful by inhalation, in contact with skin and if swallowed. Causes burns. May cause sensitisation by skin contact.

CLASSIFICATION Xn;R20/21/22. C;R34. R43.

#### HUMAN HEALTH

The product contains a sensitising substance which may provoke an allergic reaction among sensitive individuals.

### 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 immediately!

#### SKIN CONTACT

Remove contaminated clothing immediately and wash skin 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

## STOPGAP F75 HARDENER

### EXTINGUISHING MEDIA

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

### SPECIFIC HAZARDS

Toxic gases/vapours/fumes of Oxides of: Carbon. Nitrogen.

### 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

Avoid contact with skin and eyes. Provide adequate ventilation. Use protective gloves, goggles and suitable protective clothing.

### ENVIRONMENTAL PRECAUTIONS

Do not allow to enter drains, sewers or watercourses. Avoid discharge onto the ground. Contain spillages with sand, earth or any suitable absorbent material.

### SPILL CLEAN UP METHODS

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

## 7 HANDLING AND STORAGE

### USAGE PRECAUTIONS

Avoid contact with skin and eyes. Provide good ventilation. 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. Store in a cool and well-ventilated place.

## 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

### ENGINEERING MEASURES

Provide adequate 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.

### HYGIENE MEASURES

Promptly remove any clothing that becomes contaminated. Wash promptly with soap & water if skin becomes contaminated. Wash contaminated clothing before reuse.

### PERSONAL PROTECTION

Always check applicability with your supplier of protective equipment.

## 9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Liquid		
COLOUR	Amber		
ODOUR	Slight odour Ammonia		
RELATIVE DENSITY	0.98- 1.04 approx @ 20 degC	VOLATILE BY VOL. (%)	N/A
pH-VALUE, CONC. SOLUTION	N/A	VISCOSITY	3000-3500 cps @ 23 degC
FLASH POINT (°C)	N/A		

## 10 STABILITY AND REACTIVITY

### STABILITY

Stable under normal temperature conditions.

### CONDITIONS TO AVOID

Considerable exothermic reaction can occur when mixed with epoxide resins

**STOPGAP F75 HARDENER****MATERIALS TO AVOID**

Strong acids. Strong alkalis. Strong oxidising substances.

**HAZARDOUS DECOMPOSITION PRODUCTS**

During fire, toxic gases (CO, CO<sub>2</sub>, NO<sub>x</sub>) are formed.

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

Harmful by inhalation.

**INGESTION**

May cause chemical burns in mouth, oesophagus and stomach.

**SKIN CONTACT**

Causes burns. May cause sensitisation by skin contact.

**EYE CONTACT**

May cause chemical eye burns.

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

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

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

Small quantities may be treated with an equivalent quantity of product resin, allowed to cure and disposed of as low hazard waste. Larger quantities should be disposed of as hazardous waste via a licensed waste operator. Product containers must not be re-used without commercial cleaning.

**WASTE CLASS**

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

**14 TRANSPORT INFORMATION**

UK ROAD CLASS	8	UK ROAD PACK GR.	III
PROPER SHIPPING NAME	CORROSIVE LIQUID, N.O.S. (ISOPHORONEDIAMINE, 3-AMINOPROPYLTRIETHOXY-SILANE)		
UN NO. ROAD	1760	ADR CLASS	Class 8: Corrosive substances.
ADR CLASS NO.	8	HAZARD No. (ADR)	80
ADR PACK GROUP	III	HAZCHEM CODE	2X
ADR LABEL NO.	8	RID CLASS NO.	8
CEFIC TEC(R) NO.	80GC9-II+III	UN NO. SEA	1760
RID PACK GROUP	III	IMDG PAGE NO.	8
IMDG CLASS	8	EMS	F-A, S-B
IMDG PACK GR.	III	MARINE POLLUTANT	No.
MFAG	See Guide	AIR CLASS	8
UN NO. AIR	1760		
AIR PACK GR.	III		

**15 REGULATORY INFORMATION****LABELLING**

**STOPGAP F75 HARDENER**

Corrosive



Harmful

**CONTAINS**

BENZYL ALCOHOL  
ISOPHORONEDIAMINE  
SALICYLIC ACID

**RISK PHRASES**

R34	Causes burns.
R43	May cause sensitisation by skin contact.
R20/21/22	Harmful by inhalation, in contact with skin and if swallowed.

**SAFETY PHRASES**

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.
S36/37/39	Wear suitable protective clothing, gloves and eye/face protection.
S45	In case of accident or if you feel unwell, seek medical advice immediately (show label where possible).
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.

**REVISION COMMENTS**

Section 2: update.

REVISION DATE 10/05/07

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**RISK PHRASES IN FULL**

R20/21/22	Harmful by inhalation, in contact with skin and if swallowed.
R20/22	Harmful by inhalation and if swallowed.
R21/22	Harmful in contact with skin and if swallowed.
R22	Harmful if swallowed.
R34	Causes burns.
R36/38	Irritating to eyes and skin.
R37/38	Irritating to respiratory system and skin.
R41	Risk of serious damage to eyes.
R43	May cause sensitisation by skin contact.
R52/53	Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.



## SAFETY DATA SHEET STOPGAP F75 RESIN

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

PRODUCT NAME STOPGAP F75 RESIN

INTERNAL ID SG75R/6

APPLICATION Component of epoxy damp proof membrane system

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For advice on medical emergencies,  
fires, spillages or chemical hazards  
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### 2 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification
BISPHENOL TYPE F EPOXY RESIN	500-033-5	54208-63-8	10-30%	Xi;R36/38. N;R51/53. R43.
C13/15 ALKYLGLYCIDYL ETHER	268-358-2	68081-84-5	5-10%	Xi;R36/38. N;R51/53. R43.
EPOXY RESIN (Number average MW <= 700 )	500-033-5	25068-38-6	35-50%	R43 Xi;R36/38 N;R51/53
METHANOL	200-659-6	67-56-1	<0.1%	F;R11 T;R23/24/25,R39/23/24/25
OXIRANE, MONO [(C12-14- ALKYLOXY)METHYL] DERIVS		68609-97-2	5-10%	R43 Xi;R38
SOLVENT NAPHTHA (PETROLEUM) LIGHT AROMATIC	265-199-0	64742-95-6	0.2-0.5%	Xn;R65. Xi;R37. N;R51/53. R10,R66,R67.
XYLENE	215-535-7	1330-20-7	<0.1%	R10 Xn;R20/21 Xi;R38

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

#### COMPOSITION COMMENTS

Epoxy resin blend.

### 3 HAZARDS IDENTIFICATION

May cause sensitisation by skin contact. Irritating to eyes and skin. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

CLASSIFICATION Xi;R36/38. R43. N;R51/53.

### 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 immediately!

#### SKIN CONTACT

Remove contaminated clothing immediately and wash skin 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. Get medical attention if any discomfort continues.

### 5 FIRE-FIGHTING MEASURES

**STOPGAP F75 RESIN****EXTINGUISHING MEDIA**

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

**SPECIFIC HAZARDS**

Toxic gases/vapours/fumes of Carbon monoxide (CO). Carbon dioxide (CO<sub>2</sub>).

**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**

Avoid contact with skin and eyes. Provide adequate ventilation. Use protective gloves, goggles and suitable protective clothing.

**ENVIRONMENTAL PRECAUTIONS**

Do not allow to enter drains, sewers or watercourses. Avoid discharge onto the ground. Contain spillages with sand, earth or any suitable absorbent material.

**SPILL CLEAN UP METHODS**

Collect spillage in containers, seal securely and deliver for disposal as hazardous waste.

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

Provide good ventilation. 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. Store in a cool and well-ventilated place.

**8 EXPOSURE CONTROLS/PERSONAL PROTECTION**

Name	Std	LT - ppm	LT - mg/m <sup>3</sup>	ST - ppm	ST - mg/m <sup>3</sup>
XYLENE	WEL	50 ppm(Sk)	220 mg/m <sup>3</sup> (Sk)	100 ppm(Sk)	441 mg/m <sup>3</sup> (Sk)
METHANOL	WEL	200 ppm(Sk)	266 mg/m <sup>3</sup> (Sk)	250 ppm(Sk)	333 mg/m <sup>3</sup> (Sk)
SOLVENT NAPHTHA (PETROLEUM) LIGHT AROMATIC	WEL		200 mg/m <sup>3</sup>		

**ENGINEERING MEASURES**

Provide adequate 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.

**HYGIENE MEASURES**

Promptly remove any clothing that becomes contaminated. Wash promptly with soap & water if skin becomes contaminated. Wash contaminated clothing before reuse.

**PERSONAL PROTECTION**

Always check applicability with your supplier of protective equipment.

**9 PHYSICAL AND CHEMICAL PROPERTIES**

APPEARANCE	Liquid				
COLOUR	Red				
ODOUR	Slight odour				
RELATIVE DENSITY	1.28 - 1.4 approx	@ 20 degC	VISCOSITY	2750-3750 cps	@ 23 degC
FLASH POINT (°C)	Not applicable				

**10 STABILITY AND REACTIVITY**



**STOPGAP F75 RESIN****STABILITY**

Stable under normal temperature conditions.

**CONDITIONS TO AVOID**

Considerable exothermic reaction can occur when mixed with epoxide hardeners.

**MATERIALS TO AVOID**

Strong acids. Strong alkalis. Strong oxidising substances.

**HAZARDOUS DECOMPOSITION PRODUCTS**

During fire, toxic gases (CO, CO<sub>2</sub>) are formed.

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

May cause some discomfort in poorly ventilated areas.

**INGESTION**

Liquid irritates mucous membranes and may cause abdominal pain if swallowed.

**SKIN CONTACT**

Irritating to skin. May cause sensitisation by skin contact.

**EYE CONTACT**

Irritating and may cause redness and pain.

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

The product contains substances which are toxic to aquatic organisms and which may cause long term adverse effects in the aquatic environment.

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

Small quantities of product may be treated with an equivalent quantity of product hardener, allowed to cure and disposed of as low hazard waste.

Larger quantities should be disposed of as hazardous waste via a licensed waste operator. Contaminated packaging and washings should be disposed of as Hazardous Waste. Product containers must not be re-used without commercial cleaning.

**WASTE CLASS**

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

**14 TRANSPORT INFORMATION**

UK ROAD CLASS	9		
PROPER SHIPPING NAME	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (EPOXY RESIN (Number average MW ≤ 700 ), BISPHENOL TYPE F EPOXY RESIN)		
UN NO. ROAD	3082	UK ROAD PACK GR.	III
ADR CLASS NO.	9	ADR CLASS	Class 9: Miscellaneous dangerous substances and articles.
ADR PACK GROUP	III	ADR LABEL NO.	9
HAZCHEM CODE	2X	CEPIC TEC(R) NO.	90GM6-III
RID CLASS NO.	9	RID PACK GROUP	III
UN NO. SEA	3082	IMDG CLASS	9
IMDG PAGE NO.	9	IMDG PACK GR.	III
EMS	F-A, S-F	MFAG	See Guide
MARINE POLLUTANT	No.	UN NO. AIR	3082
AIR CLASS	9	AIR PACK GR.	III

## STOPGAP F75 RESIN

## 15 REGULATORY INFORMATION

## LABELLING



Irritant



Dangerous for the environment

## CONTAINS

BISPHENOL TYPE F EPOXY RESIN  
 C13/15 ALKYLGLYCIDYL ETHER  
 EPOXY RESIN (Number average MW <= 700 )  
 OXIRANE, MONO [(C12-14- ALKYOXY)METHYL] DERIVS

## RISK PHRASES

R43	May cause sensitisation by skin contact.
R36/38	Irritating to eyes and skin.
R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

## SAFETY PHRASES

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.
S36/37/39	Wear suitable protective clothing, gloves and eye/face protection.
S60	This material and its container must be disposed of as hazardous waste.
S61	Avoid release to the environment. Refer to special instructions/safety data sheets.
P5	Contains epoxy constituents. See information supplied by the manufacturer.

## 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 2: update. Section 8: WEL update.

REVISION DATE 05.04.06

REV. NO./REPL. SDS GENERATED 6

## RISK PHRASES IN FULL

R10	Flammable.
R11	Highly flammable.
R20/21	Harmful by inhalation and in contact with skin.
R23/24/25	Toxic by inhalation, in contact with skin and if swallowed.
R36/38	Irritating to eyes and skin.
R37	Irritating to respiratory system.
R38	Irritating to skin.
R39/23/24/25	Toxic: danger of very serious irreversible effects through inhalation, in contact with skin and if swallowed.
R43	May cause sensitisation by skin contact.
R51/53	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.