



SAFETY DATA SHEET STYCCOBOND F60NF

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY/UNDERTAKING

PRODUCT NAME STYCCOBOND F60NF
INTERNAL ID F60NF/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
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2 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification
1-BROMOPROPANE	203-445-0	106-94-5	70-90%	F;R11 Repr. Cat. 2;R60 Repr. Cat. 3;R63 Xn;R48/20 Xi;R36/37/38 R67
ROSIN	232-475-7	8050-09-7	0.1-0.2%	R43
TOLUENE	203-625-9	108-88-3	1-5%	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..

3 HAZARDS IDENTIFICATION

Irritating to eyes, respiratory system and skin. Harmful: danger of serious damage to health by prolonged exposure through inhalation. May impair fertility. Possible risk of harm to the unborn child. Vapours may cause drowsiness and dizziness.

CLASSIFICATION Rep 1;R60. Xn;R48/20. Rep 3;R63. Xi;R36/37/38. R67.

ENVIRONMENT

Solvent contamination of drains, surface waters and land. VOC emissions to air.

HUMAN HEALTH

The vapour is irritant and may cause drowsiness, nausea, dizziness and other narcotic effects. Ingested liquid will cause irritation of digestive tract and may cause involuntary vomiting which may then be inhaled. The liquid and its vapours are irritating to the eyes. Irritating and degreasing to skin. Contains a substance which may impair fertility. Contains a substance with possible risk of harm to the unborn child.

4 FIRST-AID MEASURES

INHALATION

Move the exposed person to fresh air at once. Keep the affected person warm and at rest. Get prompt 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

Irrigate the eyes with water or proprietary eye-wash for at least 15 minutes. Get immediate medical attention.

5 FIRE-FIGHTING MEASURES

STYCCOBOND F60NF**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.

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. 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 spillages with sand, earth or other non-combustible material. 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. 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. 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
TOLUENE	WEL	50 ppm(Sk)	191 mg/m3(Sk)	150 ppm(Sk)	574 mg/m3(Sk)
XYLENE	WEL	50 ppm(Sk)	220 mg/m3(Sk)	100 ppm(Sk)	441 mg/m3(Sk)
1-BROMOPROPANE		25 (manufacturer's recommendation. ppm			

ENGINEERING MEASURES

Provide adequate ventilation. Observe Workplace Exposure Limits and minimise the risk of inhalation of vapours.

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.

SKIN PROTECTION

Wear apron or protective clothing in case of splashes.

9 PHYSICAL AND CHEMICAL PROPERTIES**APPEARANCE**

Viscous liquid

STYCCOBOND F60NF

COLOUR	Brown		
ODOUR	Solvent.		
RELATIVE DENSITY	1.25 approx @ 20 degC	VOLATILE BY VOL. (%)	82% approx
pH-VALUE, CONC. SOLUTION	N/A	VISCOSITY	6000 - 8000 approx cps @ 20 DegC

10 STABILITY AND REACTIVITY**STABILITY**

Stable under normal temperature conditions and recommended use.

CONDITIONS TO AVOID

Although considered to be non-flammable, the product or its vapours will ignite or decompose when exposed to high intensity heat sources eg. flame sources, electric arcs, hot metallic surfaces or lit cigarettes. 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**

Prolonged exposure to concentrations of product vapour slightly in excess of Workplace Exposure Limits may cause dizziness, nausea, light headedness and irritation of the respiratory tract. High concentrations of vapour cause drowsiness, headache, mental confusion and other narcotic and anaesthetic effects.

INGESTION

Irritating. May cause nausea, stomach pain and vomiting. Vapours from the stomach may be inhaled and create similar hazards as for inhalation.

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 which may impair fertility. Contains a substance with possible risk of harm to the unborn child.

12 ECOLOGICAL INFORMATION**ECOTOXICITY**

The solvent content may pose a potential 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

UK ROAD CLASS	6.1		
PROPER SHIPPING NAME	TOXIC LIQUID, ORGANIC, N.O.S. (1-BROMOPROPANE)		
UN NO. ROAD	2810	UK ROAD PACK GR.	III
ADR CLASS NO.	6.1	ADR CLASS	Class 6.1: Toxic substances.
ADR PACK GROUP	III	HAZARD No. (ADR)	60
ADR LABEL NO.	6.1	HAZCHEM CODE	2X
CEFIC TEC(R) NO.	61GT1-III	RID CLASS NO.	6.1
RID PACK GROUP	III	UN NO. SEA	2810

STYCCOBOND F60NF

IMDG CLASS	6.1	EMS	F-A, S-A
MFAG	See Guide	MARINE POLLUTANT	No.
UN NO. AIR	2810	AIR CLASS	6.1
AIR PACK GR.	III		

15 REGULATORY INFORMATION

LABELLING



Toxic

CONTAINS

1-BROMOPROPANE

RISK PHRASES

R36/37/38	Irritating to eyes, respiratory system and skin.
R48/20	Harmful: danger of serious damage to health by prolonged exposure through inhalation.
R60	May impair fertility.
R63	Possible risk of harm to the unborn child.
R67	Vapours may cause drowsiness and dizziness.

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.
S38	In case of insufficient ventilation, wear suitable respiratory equipment.
S45	In case of accident or if you feel unwell, seek medical advice immediately (show label where possible).
S53	Avoid exposure - obtain special instructions before use.
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.

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 7/6/06

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.
R36/37/38	Irritating to eyes, respiratory system and skin.
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.
R60	May impair fertility.
R63	Possible risk of harm to the unborn child.
R65	Harmful: may cause lung damage if swallowed.
R67	Vapours may cause drowsiness and dizziness.