

MATERIAL SAFETY DATA SHEET FOR BOSSFIX UPSIDE DOWN FOAM



1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY

Product type:	Polyurethane Foam Aerosol
Intended use:	General purpose product for mounting, sealing, filling and insulating
Trade Name:	BOSSFIX Upside Down Foam
Supplier of product:	The BSS Group plc
Registered Office:	Fleet House, Lee Circle, Leicester, LE1 3QQ
Telephone/Fax Numbers:	0116 262 3232 / 0116 253 1343
E-mail Address	reception@bssgroup.com
Web site Address	www.bss-group.co.uk

2. HAZARD IDENTIFICATION

To People:	If ingested may cause some irritation to the mouth and upper digestive tract. May cause significant eye irritation. May cause significant skin irritation especially if exposure is prolonged and/or repeated. Unlikely to cause damage to the internal organs following skin contact. May cause sensitisation following inhalation. Prolonged inhalation of high concentrations of the aerosol and derived vapours may induce drowsiness, headache, loss of co-ordination and narcosis. In severe over exposure this may lead to coma and death. Inhalation of the aerosol may also cause significant irritation of the nose and upper respiratory tract.
Safety:	Extremely flammable
Ecological:	Inherently biodegradable so unlikely to accumulate in the aquatic environment. Discharge of large quantities into the aquatic environment may kill fish and other aquatic organisms.

3. COMPOSITION/INFORMATION ON INGREDIENTS.

Main Constituents:	%	EINECS/ELIN CS No	CAS No	Risk Phrase No
Diphenylmethan-4,4 disocyanate	5-15%	101-68-8	202-966-0	20-36/37/38-42
Polyurethane prepolymer mixture, mixture unclassified	Over 30%			
1,1,-Difluoroethane	15-30%	75-37-6	200-866-1	11
Butane	5-15%	106-97-8	203-448-7	12

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4. FIRST AID MEASURES

Inhalation:	Remove from exposure. Keep warm and at rest. If breathing stops or shows signs of failing apply artificial ventilation. Seek medical attention urgently.
Skin Contact:	Immediately wash the skin with soap and water. Seek medical attention if skin appears damaged.
Eye Contact:	Immediately wash out the eye with plenty of water for at least 10 minutes holding the eye open. Seek medical attention if symptoms persist
Ingestion:	Wash out the mouth with water. Do not induce vomiting. Seek medical advice

5. FIRE FIGHTING MEASURES

Will form oxides of carbon and nitrogen and hydrogen fluoride if burnt. In the case of fire use powder, foam, sand, water spray. Avoid using large quantities of water. In case of fire, cool the stores aerosol cans with water spray. In case of fire, self contained breathing apparatus should be worn.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions:	Wear impervious gloves/overalls, eye protection and a vapour absorbing face mask while clearing up the spillage.
Environmental Precautions:	Do not wash into drains
Methods for cleaning/taking up:	Place in plastic barrels for disposal. Do not mix with other waste materials. Dispose of in accordance with State and local authority regulations. Seek advice from the local waste authority

7. HANDLING AND STORAGE:

Keep away from sources of ignition.
Store the aerosol cans at between 5 and 50°C out of direct sunlight.
Use in a well ventilated area

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Avoid contact with eyes, skin or clothes, do not inhale the spray. Working procedures should be designed to minimise worker exposure to this product. Where it is not possible the following personal protective equipment should be provided.

Personal Protective Equipment

Respiratory Protection:	Adequate respiratory protection must be worn. All personal protective equipment must comply with the appropriate EED (CE) standards and should be maintained and stored to ensure continued suitability for use. Workers should be trained in the effective use and maintenance of personal protective equipment provided.
Hand Protection:	Impervious gloves recommended
Eye Protection:	Chemical safety goggles must be worn
Skin Protection:	Protective overalls and shoes/boots recommended

9. PHYSICAL AND CHEMICAL PROPERTIES

Form:	Aerosol
Flash Point:	Below 23°C
Solubility in Water:	Insoluble

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10. STABILITY AND REACTIVITY

Hazardous Reactions:	May react with strong oxidants
Hazardous Decomposition Products:	Decomposition can occur above 100°C direct sunlight, naked flame

11. TOXICOLOGICAL INFORMATION

Acute Oral Toxicity:	LD50>2000mg/kg
General Remarks:	Not classified as "Harmful if swallowed" May cause some irritation of the mouth and upper digestive tract May produce significant skin irritation and prolonged contact May cause significant eye irritation Repeated exposure may cause respiratory sensitisation

12. ECOLOGICAL INFORMATION

Physico Chemical Eliminability:	This product is inherently biodegradable. Do not release into surface waters.
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13. DISPOSAL CONSIDERATIONS

Disposal/Product:	When disposing of waste or surplus material avoid contact with eye and skin. Wear impervious gloves/overalls, chemical safety goggles and suitable respiratory protection. Do not wash into the drains. Do not mix with other waste materials. Seek advice from the local waste authority
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14. TRANSPORT INFORMATION

This product is classified as Dangerous for Transport and should be labelled: A flammable aerosol UN No 1950 flammable gas class
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15. REGULATORY INFORMATION

Labelling:	
This preparation has been assessed using the health and safety criteria laid down in the EEC Directives on the Control of Dangerous Substances and Preparations. It is found to be classified as "Dangerous" according to both the health and safety criteria and should be labelled: - Physical Hazard	
Name of Product	Polyurethane Foam Aerosol
Contains:	Diphenylmethane-4,4'-di-isocyanate
Symbols:	
Risk Phrases:	R36/38 Irritating to eyes, respiratory system and skin R42 May cause sensitisation by inhalation R12 Extremely flammable
Safety Phrases:	S2 Keep out of reach of children S24/25 Avoid contact with skin and eyes S23 Do not breathe spray/vapour S51 Use only in well ventilated areas S46 If swallowed, seek medical advice immediately and show this container or label S28 After contact with the skin, wash immediately with plenty of soap and water In case of contact with eyes, rinse immediately with plenty of water Seek medical advice S26 In case of contact with eyes, rinse immediately with plenty of water Seek medical advice S43 In case of fire, use dry chemical, foam or fine water spray. Do not use water jet

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16. OTHER INFORMATION

These details are as accurate as possible. They are given for information only. They do not constitute a contractual guarantee of a product's properties.

DISCLAIMER

This information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.