



## SAFETY DATA SHEET EVO-STIK FOAM FILLER

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

PRODUCT NAME	EVO-STIK FOAM FILLER
PRODUCT NO.	132603, 132610, 115446x
SUPPLIER	BOSTIK LIMITED COMMON ROAD STAFFORD STAFFORDSHIRE ST16 3EH +44 1785 272625 +44 1785 272650 (24 HOUR) sds.uk@bostik.com

### 2 HAZARDS IDENTIFICATION

Extremely flammable Harmful by inhalation. Irritating to eyes, respiratory system and skin. May cause sensitisation by inhalation and skin contact. Limited evidence of a carcinogenic effect. Harmful: danger of serious damage to health by prolonged exposure through inhalation. Pressurised container. Protect from sunlight and do not expose to temperatures exceeding 50C. Do not pierce or burn even after use. Do not spray on a naked flame or any incandescent material - NO SMOKING.

CLASSIFICATION (1999/45) Xn;R20, R48/20. Carc. Cat. 3;R40. R42/43. Xi;R36/37/38. F+;R12.

### 3 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification (67/548)
BUTANE	203-448-7	106-97-8	1-5%	F+;R12
DIMETHYL ETHER	204-065-8	115-10-6	5-10%	F+;R12
DIPHENYLMETHANE-4,4'-DI-ISOCYANATE	202-966-0	101-68-8	30-60%	Carc. Cat. 3;R40 Xn;R20,R48/20 Xi;R36/37/38 R42/43

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

### 4 FIRST-AID MEASURES

#### INHALATION

Remove victim immediately from source of exposure. Move the exposed person to fresh air at once. Get medical attention if any discomfort continues.

#### INGESTION

DO NOT induce vomiting. Get medical attention immediately.

#### SKIN CONTACT

Promptly wash contaminated skin with soap or mild detergent and water. Promptly remove clothing if soaked through and wash as above. Get medical attention if irritation persists after washing.

#### EYE CONTACT

Rinse the eye with water immediately. Continue to rinse for at least 15 minutes and get medical attention.

### 5 FIRE-FIGHTING MEASURES

#### EXTINGUISHING MEDIA

Use: Foam, carbon dioxide or dry powder.

#### SPECIFIC HAZARDS

Fire or high temperatures create: Toxic gases/vapours/fumes of: Carbon dioxide (CO<sub>2</sub>). Carbon monoxide (CO).

#### PROTECTIVE MEASURES IN FIRE

Wear self contained breathing apparatus

### 6 ACCIDENTAL RELEASE MEASURES

## EVO-STIK FOAM FILLER

### PERSONAL PRECAUTIONS

Avoid skin and eye contact. Ensure adequate ventilation. Wear personal protective equipment. Wear self contained breathing apparatus. Avoid breathing vapour

### ENVIRONMENTAL PRECAUTIONS

Prevent entry into drains and water courses.

### SPILL CLEAN UP METHODS

Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. Clean-up personnel should use respiratory and/or liquid contact protection. Absorb onto sand, earth or absorbent granules. Pick up with non-sparking tools and place into metal containers with sealable lids. Mark containers with details of hazards and store in designated area ready for disposal. Collect spillage in containers, seal securely and deliver for disposal according to local regulations.

## 7 HANDLING AND STORAGE

### USAGE PRECAUTIONS

Keep away from heat, sparks and open flame. Avoid spilling, skin and eye contact. Ventilate well, avoid breathing vapours. Use approved respirator if air contamination is above accepted level.

### STORAGE PRECAUTIONS

Flammable/combustible - Keep away from oxidisers, heat and flames. Keep upright. Aerosol cans: Must not be exposed to direct sunlight or temperatures above 50°C. Pressurised container: Must not be exposed to temperatures above 50°C.

### STORAGE CLASS

Compressed gas storage.

## 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Name	Std	TWA - 8 hrs		STEL - 15 min		Notes
BUTANE	WEL	600 ppm	1450 mg/m <sup>3</sup>	750 ppm	1810 mg/m <sup>3</sup>	
DIMETHYL ETHER	WEL	400 ppm	766 mg/m <sup>3</sup>	500 ppm	958 mg/m <sup>3</sup>	
DIPHENYLMETHANE-4,4'-DI-ISOCYANATE	WEL		0.02 mg/m <sup>3</sup> (Sen)		0.07 mg/m <sup>3</sup> (Sen)	

WEL = Workplace Exposure Limit.

### INGREDIENT COMMENTS

WEL = Workplace Exposure Limits

### PROTECTIVE EQUIPMENT



### ENGINEERING MEASURES

Provide adequate general and local exhaust ventilation. Explosion-proof general and local exhaust ventilation.

### RESPIRATORY EQUIPMENT

If ventilation is insufficient, suitable respiratory protection must be provided. Wear suitable respiratory protection. Wear full face mask supplied with: Wear mask supplied with: Chemical respirator with organic vapour cartridge.

### HAND PROTECTION

Protective gloves and goggles must be used if there is a risk of direct contact or splash.

### EYE PROTECTION

Wear splash-proof eye goggles to prevent any possibility of eye contact.

### HYGIENE MEASURES

Wash at the end of each work shift and before eating, smoking and using the toilet. Use appropriate skin cream to prevent drying of skin. When using do not eat, drink or smoke. DO NOT SMOKE IN WORK AREA!

## 9 PHYSICAL AND CHEMICAL PROPERTIES

COLOUR	Varying		
ODOUR	Characteristic		
RELATIVE DENSITY	0.987	FLASH POINT (°C)	N/A (Aerosol)
AUTO IGNITION TEMPERATURE (°C)	>200		

# EVO-STIK FOAM FILLER

## 10 STABILITY AND REACTIVITY

### STABILITY

Stable under normal temperature conditions.

### HAZARDOUS DECOMPOSITION PRODUCTS

Carbon monoxide (CO). Carbon dioxide (CO<sub>2</sub>).

## 11 TOXICOLOGICAL INFORMATION

### INHALATION

Harmful by inhalation. May cause sensitisation by inhalation. Harmful: danger of serious damage to health by prolonged exposure through inhalation.

### SKIN CONTACT

Irritating to skin. May cause sensitisation by skin contact.

### EYE CONTACT

Irritating to eyes.

### ROUTE OF ENTRY

Skin and/or eye contact. Inhalation.

## 12 ECOLOGICAL INFORMATION

### ECOTOXICITY

Not regarded as dangerous for the environment. However, contamination of the aquatic or terrestrial environments should be avoided

## 13 DISPOSAL CONSIDERATIONS

### DISPOSAL METHODS

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

## 14 TRANSPORT INFORMATION



UK ROAD CLASS	2		
PROPER SHIPPING NAME	AEROSOLS		
UN NO. ROAD	1950	UK ROAD PACK GR.	N/A
ADR CLASS NO.	2	ADR CLASS	Class 2: Gases
ADR PACK GROUP	N/A	TUNNEL RESTRICTION CODE	(D)
ADR LABEL NO.	2.1	CEFIC TEC(R) NO.	20G5F
RID CLASS NO.	2	RID PACK GROUP	N/A
UN NO. SEA	1950	IMDG CLASS	2.1
IMDG PAGE NO.	2.1	IMDG PACK GR.	N/A
EMS	F-D, S-U	UN NO. AIR	1950
AIR CLASS	2.1	AIR PACK GR.	N/A

## 15 REGULATORY INFORMATION

### LABELLING



Harmful



Extremely Flammable

### CONTAINS

DIPHENYLMETHANE-4,4'-DI-ISOCYANATE

## EVO-STIK FOAM FILLER

### RISK PHRASES

R12	Extremely flammable.
R20	Harmful by inhalation.
R36/37/38	Irritating to eyes, respiratory system and skin.
R40	Limited evidence of a carcinogenic effect.
R42/43	May cause sensitisation by inhalation and skin contact.
R48/20	Harmful: danger of serious damage to health by prolonged exposure through inhalation.

### SAFETY PHRASES

S2	Keep out of the reach of children.
S9	Keep container in a well-ventilated place.
S13	Keep away from food, drink and animal feeding stuffs.
S16	Keep away from sources of ignition - No smoking.
S23	Do not breathe vapour/spray.
S25	Avoid contact with 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).
S56	Dispose of this material and its container to hazardous or special waste collection point.
S63	In case of accident by inhalation: remove casualty to fresh air and keep at rest.
P4	Contains isocyanates. See information supplied by the manufacturer.
A1	Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use.
A2	Do not spray on a naked flame or any incandescent material.

### UK REGULATORY REFERENCES

Persons already sensitised to diisocyanates may develop allergic reactions when using this product. Persons suffering from asthma, eczema or skin problems should avoid contact, including dermal contact, with this product. This product should not be used under conditions of poor ventilation unless a protective mask with an appropriate gas filter (i.e. type A1 according to standard EN14387) is used.

### EU DIRECTIVES

Dangerous Preparations Directive 1999/45/EC. Dangerous Substance Directive 67/548/EEC.

### STATUTORY INSTRUMENTS

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716). Control of Substances Hazardous to Health.

### APPROVED CODE OF PRACTICE

Classification and Labelling of Substances and Preparations Dangerous for Supply. Safety Data Sheets for Substances and Preparations.

### GUIDANCE NOTES

Workplace Exposure Limits EH40. Introduction to Local Exhaust Ventilation HS(G)37. CHIP for everyone HSG(108).

## 16 OTHER INFORMATION

### GENERAL INFORMATION

This product should be used as directed by Bostik Ltd. For further information consult the product data sheet or contact Technical Services.

### INFORMATION SOURCES

This safety data sheet was compiled using current safety information supplied by distributor of raw materials.

### REVISION COMMENTS

NOTE: Lines within the margin indicate significant changes from the previous revision. This safety data sheet supersedes all previous issues and users are cautioned to ensure that it is current. Destroy all previous data sheets and if in doubt contact Bostik Limited.

### ISSUED BY

Approved LJ

REVISION DATE June 2010

REV. NO./REPL. SDS GENERATED 1

DATE June 2010

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### RISK PHRASES IN FULL

R12	Extremely flammable.
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