



## SAFETY DATA SHEET GRIPFILL

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

PRODUCT NAME GRIPFILL  
 PRODUCT NO. 18601, 18603, 18609, 18601A, 186040  
 SUPPLIER BOSTIK LIMITED  
 COMMON ROAD  
 STAFFORD  
 STAFFORDSHIRE  
 ST16 3EH  
 +44 1785 255141  
 +44 1785 272650 (24 HOUR)  
 sds.uk@bostik.com

### 2 HAZARDS IDENTIFICATION

Highly flammable. Vapours may cause drowsiness and dizziness. Irritating to skin. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

CLASSIFICATION Xi;R38. F;R11. N;R51/53. R67.

### 3 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification
BUTANONE	201-159-0	78-93-3	10-30%	F;R11 Xi;R36 R66 R67
HEPTANE AND ISOMERS			5-10%	Xn;R65. Xi;R38. F;R11. N;R50/53. R67.
HEXANE, MIXTURE OF ISOMERS			1-5%	Xn;R65. Xi;R38. F;R11. N;R51/53. R67.
MAN-MADE VITREOUS (SILICATE) FIBRES			1-5%	Xi;R38.
METHYLCYCLOHEXANE	203-624-3	108-87-2	< 1%	F;R11 Xn;R65 Xi;R38 R67 N;R51/53
N-HEXANE	203-777-6	110-54-3	< 1%	F;R11 Repr3;R62 Xn;R65,R48/20 Xi;R38 R67 N;R51/53
PENTANE	203-692-4	109-66-0	< 1%	F+;R12 Xn;R65 R66 R67 N;R51/53
XYLENE	215-535-7	1330-20-7	5-10%	R10 Xn;R20/21 Xi;R38

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.

#### 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

Fire can be extinguished using: Foam, carbon dioxide or dry powder.

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### SPECIAL FIRE FIGHTING PROCEDURES

Fight advanced or massive fires from safe distance or protected location. Keep run-off water out of sewers and water sources. Dike for water control. Ventilate closed spaces before entering them. Keep up-wind to avoid fumes.

### UNUSUAL FIRE & EXPLOSION HAZARDS

May travel considerable distance to source of ignition and flash back. Heat may cause the containers to explode. Solvent vapours may form explosive mixtures with air. Vapours are heavier than air and may spread near ground to sources of ignition.

### SPECIFIC HAZARDS

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

### 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

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.

## 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. Ground container and transfer equipment to eliminate static electric sparks. Store at moderate temperatures in dry, well ventilated area.

### STORAGE CLASS

Flammable liquid storage.

## 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Name	Std	LT - ppm	LT - mg/m <sup>3</sup>	ST - ppm	ST - mg/m <sup>3</sup>
BUTANONE	WEL	200 ppm(Sk)	600 mg/m <sup>3</sup> (Sk)	300 ppm(Sk)	899 mg/m <sup>3</sup> (Sk)
N-HEXANE	WEL	20 ppm	72 mg/m <sup>3</sup>		
PENTANE	WEL	600 ppm	1800 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)

### INGREDIENT COMMENTS

WEL = Workplace Exposure Limits

### PROTECTIVE EQUIPMENT



### ENGINEERING MEASURES

Explosion-proof general and local exhaust ventilation.

### RESPIRATORY EQUIPMENT

Respiratory protection must be used if air contamination exceeds acceptable level. Wear mask supplied with: Gas cartridge suitable for organic substances.

### HAND PROTECTION

Protective gloves must be used if there is a risk of direct contact or splash. Use protective gloves made of: Nitrile.

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## EYE PROTECTION

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

## OTHER PROTECTION

Wear appropriate clothing to prevent repeated or prolonged skin contact.

## HYGIENE MEASURES

Wash promptly if skin becomes contaminated. Wash at the end of each work shift and before eating, smoking and using the toilet.

## 9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Paste		
COLOUR	Brownish		
ODOUR	Aromatic hydrocarbons		
SOLUBILITY	Insoluble in water		
BULK DENSITY	1.2	FLASH POINT (°C)	<10 CC (Closed cup).

## 10 STABILITY AND REACTIVITY

### STABILITY

Avoid: Heat, sparks, flames.

## 11 TOXICOLOGICAL INFORMATION

### INHALATION

Drowsiness, dizziness, disorientation, vertigo.

### SKIN CONTACT

Prolonged contact may cause dryness of the skin.

### EYE CONTACT

Irritating to eyes.

## 12 ECOLOGICAL INFORMATION

### ECOTOXICITY

Dangerous for the environment: May cause long-term adverse effects in the aquatic environment. Contamination of the terrestrial and aquatic environments should be avoided

## 13 DISPOSAL CONSIDERATIONS

### GENERAL INFORMATION

Waste is classified as hazardous waste.

### DISPOSAL METHODS

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

## 14 TRANSPORT INFORMATION



UK ROAD CLASS	3		
PROPER SHIPPING NAME	ADHESIVES		
UN NO. ROAD	1133	UK ROAD PACK GR.	III
ADR CLASS NO.	3	ADR CLASS	Class 3: Flammable liquids.
ADR PACK GROUP	III	HAZARD No. (ADR)	30
ADR LABEL NO.	3	HAZCHEM CODE	3Y
CEPIC TEC(R) NO.	30GF1-III, 30GF1-sp	RID CLASS NO.	3

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RID PACK GROUP	III	UN NO. SEA	1133
IMDG CLASS	3	IMDG PACK GR.	III
EMS	F-E, S-D	MARINE POLLUTANT	No.
UN NO. AIR	1133	AIR CLASS	3
AIR PACK GR.	III		

**15 REGULATORY INFORMATION**

## LABELLING



Irritant



Highly Flammable



Dangerous for the environment

## RISK PHRASES

R11	Highly flammable.
R38	Irritating to skin.
R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R67	Vapours may cause drowsiness and dizziness.

## SAFETY PHRASES

S9	Keep container in a well-ventilated place.
S16	Keep away from sources of ignition - No smoking.
S24	Avoid contact with skin.
S36/37/39	Wear suitable protective clothing, gloves and eye/face protection.
S51	Use only in well-ventilated areas.
S57	Use appropriate containment to avoid environmental contamination.
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.
S2	Keep out of the reach of children

## STATUTORY INSTRUMENTS

Chemicals (Hazard Information and Packaging) Regulations. Control of Substances Hazardous to Health.

## APPROVED CODE OF PRACTICE

Classification and Labelling of Substances and Preparations Dangerous for Supply.

## GUIDANCE NOTES

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

**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

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 November 2007

REV. NO./REPL. SDS GENERATED 4

DATE November 2006

## GRIPFILL

### RISK PHRASES IN FULL

R10	Flammable.
R11	Highly flammable.
R12	Extremely flammable.
R20/21	Harmful by inhalation and in contact with skin.
R36	Irritating to eyes.
R38	Irritating to skin.
R48/20	Harmful: danger of serious damage to health by prolonged exposure through inhalation.
R50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R62	Possible risk of impaired fertility.
R65	Harmful: may cause lung damage if swallowed.
R66	Repeated exposure may cause skin dryness or cracking.
R67	Vapours may cause drowsiness and dizziness.