



## SAFETY DATA SHEET

### L16 WOODBOND

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

PRODUCT NAME	L16 WOODBOND
SUPPLIER	BOSTIK LIMITED COMMON ROAD STAFFORD STAFFORDSHIRE ST16 3EH +44 1785 272625 +44 1785 272650 (24 HOUR) sds.uk@bostik.com
PRODUCT NO.	11601x, 11602, 11606, 116016, 11607

#### 2 HAZARDS IDENTIFICATION

Highly flammable.

This product contains crystalline silica which in the form supplied is non hazardous, however any dust generated from the product during its use or life-cycle is an inhalation hazard and appropriate dust mask must be worn.

CLASSIFICATION (1999/45) F;R11.

#### 3 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification (67/548)
ETHANOL	200-578-6	64-17-5	5-10%	F;R11
ETHYL ACETATE	205-500-4	141-78-6	10-30%	F;R11 Xi;R36 R66 R67
METHANOL	200-659-6	67-56-1	< 1%	F;R11 T;R23/24/25,R39/23/24/25

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.

##### SPECIAL FIRE FIGHTING PROCEDURES

Use water SPRAY only to cool containers! Do not put water on leaked material. Be aware of danger of explosion. Use supplied air respirator if product is involved in a fire. Avoid breathing fire vapours. Keep up-wind to avoid fumes. If possible, fight fire from protected position.

##### UNUSUAL FIRE & EXPLOSION HAZARDS

Generates massive smoke during fire. Vapours are heavier than air and may spread near ground to sources of ignition. HIGHLY FLAMMABLE! Risk of explosion in closed containers if pressure rises rapidly.

##### SPECIFIC HAZARDS

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

## L16 WOODBOND

### 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.

#### ENVIRONMENTAL PRECAUTIONS

Prevent entry into drains and water courses.

#### SPILL CLEAN UP METHODS

Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. Provide ventilation and confine spill. Do not allow runoff to sewer. 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.

### 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	TWA - 8 hrs		STEL - 15 min		Notes
ETHANOL	WEL	1000 ppm	1920 mg/m <sup>3</sup>			
ETHYL ACETATE	WEL	200 ppm		400 ppm		
METHANOL	WEL	200 ppm(Sk)	266 mg/m <sup>3</sup> (Sk)	250 ppm(Sk)	333 mg/m <sup>3</sup> (Sk)	

WEL = Workplace Exposure Limit.

#### INGREDIENT COMMENTS

WEL = Workplace Exposure Limits

#### PROTECTIVE EQUIPMENT



#### ENGINEERING MEASURES

Explosion-proof general and local exhaust ventilation.

#### RESPIRATORY EQUIPMENT

No specific recommendation made, but respiratory protection must be used if the general level exceeds the recommended occupational exposure limit.

#### HAND PROTECTION

Protective gloves must be used if there is a risk of direct contact or splash. Use protective gloves made of: Resistant material. Nitrile. Use thin cotton gloves inside the rubber gloves if allergy risk.

#### 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

DO NOT SMOKE IN WORK AREA! Wash promptly if skin becomes contaminated. 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.

### 9 PHYSICAL AND CHEMICAL PROPERTIES

## L16 WOODBOND

APPEARANCE	Paste		
COLOUR	Beige.		
ODOUR	Organic solvents.		
RELATIVE DENSITY	1.5	FLASH POINT (°C)	17 CC (Closed cup).
FLAMMABILITY LIMIT - LOWER(%)	3.5	FLAMMABILITY LIMIT - UPPER(%)	19

### 10 STABILITY AND REACTIVITY

#### STABILITY

Avoid: Heat, sparks, flames.

#### MATERIALS TO AVOID

Strong oxidising substances.

#### HAZARDOUS DECOMPOSITION PRODUCTS

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

### 11 TOXICOLOGICAL INFORMATION

#### INHALATION

Gas or vapour may irritate respiratory system.

#### INGESTION

Harmful: may cause lung damage if swallowed.

#### SKIN CONTACT

May cause skin irritation/eczema.

#### EYE CONTACT

Irritation, burning, lachrymation, blurred vision after liquid splash.

#### HEALTH WARNINGS

Defats the skin. Prolonged or repeated exposure may cause severe irritation.

#### MEDICAL CONSIDERATIONS

Skin disorders and allergies.

### 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

Do not allow runoff to sewer, waterway or ground. Recover and reclaim or recycle, if practical. 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.	II
ADR CLASS NO.	3	ADR CLASS	Class 3: Flammable liquids.
ADR PACK GROUP	II	TUNNEL RESTRICTION CODE	(D/E)
HAZARD No. (ADR)	33	ADR LABEL NO.	3
HAZCHEM CODE	•3YE	CEPIC TEC(R) NO.	30GF1-I+II, 30GF1-sp
RID CLASS NO.	3	RID PACK GROUP	II
UN NO. SEA	1133	IMDG CLASS	3
IMDG PACK GR.	II	EMS	F-E, S-D

REVISION DATE: July 2009

SDS NO.: 15969

**L16 WOODBOND**

MFAG	See Guide	UN NO. AIR	1133
AIR CLASS	3	AIR PACK GR.	II

**15 REGULATORY INFORMATION**

## LABELLING



Highly Flammable

## RISK PHRASES

R11 Highly flammable.

## SAFETY PHRASES

S9	Keep container in a well-ventilated place.
S16	Keep away from sources of ignition - No smoking.
S36/37/39	Wear suitable protective clothing, gloves and eye/face protection.
S46	If swallowed, seek medical advice immediately and show this container or label.
S51	Use only in well-ventilated areas.
S56	Dispose of this material and its container to hazardous or special waste collection point.

## STATUTORY INSTRUMENTS

Chemicals (Hazard Information and Packaging) Regulations.

## 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 July 2009

REV. NO./REPL. SDS GENERATED 4

DATE November 2006

## RISK PHRASES IN FULL

R11	Highly flammable.
R36	Irritating to eyes.
R66	Repeated exposure may cause skin dryness or cracking.
R23/24/25	Toxic by inhalation, in contact with skin and if swallowed.
R39/23/24/25	Toxic: danger of very serious irreversible effects through inhalation, in contact with skin and if swallowed.
R67	Vapours may cause drowsiness and dizziness.