



## SAFETY DATA SHEET

### 114 Fusor Bumper Adhesive Part B

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

PRODUCT NAME 114 Fusor Bumper Adhesive Part B  
 PRODUCT NO. 93610BH  
 SUPPLIER Lord Corporation (Europe) Ltd  
 Chemical Products Division  
 Stretford Motorway Estate, Barton Dock  
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#### 2 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification
DIETHYLENETRIAMINE	203-865-4	111-40-0	< 1%	C;R34 Xn;R21/22 R43
POLYETHYLENEPOLYAMINES (NOS)			5-10%	C;R34 Xn;R21/22 R43 N;R50,R53
TRIETHYLENETETRAMINE	203-950-6	112-24-3	5-10%	C;R34 Xn;R21 R43 R52,R53

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

#### 3 HAZARDS IDENTIFICATION

Causes burns. May cause sensitisation by skin contact. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

CLASSIFICATION C;R34. R43. N;R51/53.

#### 4 FIRST-AID MEASURES

##### GENERAL INFORMATION

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

##### INHALATION

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

##### INGESTION

DO NOT INDUCE VOMITING! NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS! Rinse mouth thoroughly. Get medical attention immediately! Provide rest, warmth and fresh air.

##### SKIN CONTACT

Remove affected person from source of contamination. Remove contaminated clothing. Wash the skin immediately with soap and water. Get medical attention promptly if symptoms occur after washing.

##### EYE CONTACT

Remove victim immediately from source of exposure. Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. 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 (CO2). Dry chemicals, sand, dolomite etc. Water spray, fog or mist.

##### SPECIAL FIRE FIGHTING PROCEDURES

Move container from fire area if it can be done without risk. Cool containers exposed to flames with water until well after the fire is out. Keep run-off water out of sewers and water sources. Dike for water control.

## 114 Fusor Bumper Adhesive Part B

### UNUSUAL FIRE & EXPLOSION HAZARDS

If heated, volume and pressure increases strongly, resulting in explosion of container. Fire causes formation of toxic gases.

### SPECIFIC HAZARDS

Fire creates: Toxic gases/vapours/fumes of Carbon monoxide (CO). Carbon dioxide (CO<sub>2</sub>). Hydrogen cyanide (HCN). Oxides of Nitrogen.

## 6 ACCIDENTAL RELEASE MEASURES

### PERSONAL PRECAUTIONS

Wear protective clothing as described in Section 8 of this safety data sheet.

### ENVIRONMENTAL PRECAUTIONS

Do not discharge into drains, water courses or onto the ground.

### SPILL CLEAN UP METHODS

Avoid contact with skin or inhalation of spillage, dust or vapour. Wear necessary protective equipment. Absorb in vermiculite, dry sand or earth and place into containers. Do not contaminate water sources or sewer. Flush with plenty of water to clean spillage area.

## 7 HANDLING AND STORAGE

### USAGE PRECAUTIONS

Avoid spilling, skin and eye contact. Provide good ventilation.

### STORAGE PRECAUTIONS

Store in tightly closed original container in a cool, dry well-ventilated place. Keep in original container. Protect against physical damage and/or friction.

## 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Name	Std	LT - ppm	LT - mg/m <sup>3</sup>	ST - ppm	ST - mg/m <sup>3</sup>
ALUMINIUM POWDER (PYROPHORIC)	OES		10 mg/m <sup>3</sup>		
DIETHYLENETRIAMINE	OES	1 ppm(Sk)	4.3 mg/m <sup>3</sup> (Sk)		

### INGREDIENT COMMENTS

OES = Occupational Exposure Standard.

### PROTECTIVE EQUIPMENT



### ENGINEERING MEASURES

Provide adequate 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

Use protective gloves. Use protective gloves made of: Neoprene. or Nitrile.

### EYE PROTECTION

Wear approved safety goggles. Use safety goggles and face shield in case of splash risk.

### OTHER PROTECTION

Wear appropriate clothing to prevent any possibility of skin contact.

### HYGIENE MEASURES

DO NOT SMOKE IN WORK AREA! Wash at the end of each work shift and before eating, smoking and using the toilet. Wash promptly if skin becomes wet or contaminated. Promptly remove any clothing that becomes contaminated. When using do not eat, drink or smoke.

## 9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Paste
COLOUR	White
ODOUR	Amine.

## 114 Fusor Bumper Adhesive Part B

SOLUBILITY	Insoluble in water		
RELATIVE DENSITY	0.930 - 0.940 @ 20 °c	VOLATILE BY VOL. (%)	0.0
FLASH POINT (°C)	94 Sh CC (Setaflash closed cup).		

### 10 STABILITY AND REACTIVITY

#### STABILITY

Stable under normal temperature conditions.

#### CONDITIONS TO AVOID

Avoid excessive heat for prolonged periods of time.

#### MATERIALS TO AVOID

Strong alkalis. Strong acids. Strong oxidising substances.

#### HAZARDOUS DECOMPOSITION PRODUCTS

Fire creates: Vapours/gases/fumes of: Carbon monoxide (CO). Carbon dioxide (CO<sub>2</sub>). Hydrogen cyanide (HCN). Oxides of: Nitrogen.

### 11 TOXICOLOGICAL INFORMATION

#### INHALATION

May cause irritation to the respiratory system.

#### INGESTION

Toxic if swallowed. May cause chemical burns in mouth, oesophagus and stomach.

#### SKIN CONTACT

Irritating to skin. May cause sensitisation by skin contact. Causes burns. May be absorbed through the skin.

#### EYE CONTACT

Risk of serious damage to eyes. Extreme irritation of eyes and mucous membranes, including burning and tearing.

#### HEALTH WARNINGS

This chemical may cause skin/eye irritation and burns (corrosive).

#### ROUTE OF ENTRY

Inhalation. Ingestion. Skin and/or eye contact.

#### TARGET ORGANS

Skin. Respiratory system, lungs. Eyes.

### 12 ECOLOGICAL INFORMATION

#### ECOTOXICITY

Dangerous for the environment: May cause long-term adverse effects in the aquatic environment.

### 13 DISPOSAL CONSIDERATIONS

#### GENERAL INFORMATION

When handling waste, consideration should be made to the safety precautions applying to handling of the product.

#### DISPOSAL METHODS

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

### 14 TRANSPORT INFORMATION

ADR CLASS	Not classified for transportation. MARINE POLLUTANT	No.
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### 15 REGULATORY INFORMATION

#### LABELLING



Corrosive



Dangerous for the environment

REVISION DATE: 01/11/04

## 114 Fusor Bumper Adhesive Part B

### CONTAINS

POLYETHYLENEPOLYAMINES (NOS)  
TRIETHYLENETETRAMINE

### RISK PHRASES

R34 Causes burns.  
R43 May cause sensitisation by skin contact.  
R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

### SAFETY PHRASES

S25 Avoid contact with eyes.  
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
S27 Take off immediately all contaminated clothing.  
S45 In case of accident or if you feel unwell, seek medical advice immediately (show label where possible).  
S24/25 Avoid contact with skin and eyes.  
S36/37/39 Wear suitable protective clothing, gloves and eye/face protection.  
S57 Use appropriate container 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.

### EU DIRECTIVES

System of specific information relating to Dangerous Preparations. 2001/58/EEC.

### STATUTORY INSTRUMENTS

Chemicals (Hazard Information and Packaging) Regulations.

### APPROVED CODE OF PRACTICE

Classification and Labelling of Substances and Preparations Dangerous for Supply.

### GUIDANCE NOTES

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

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## 16 OTHER INFORMATION

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### INFORMATION SOURCES

Dangerous Properties of Industrial Materials Report, N.Sax et.al.

REVISION DATE 01/11/04

REV. NO./REPL. SDS GENERATED 02-29/01/03

SDS NO. LC35-114 FUSOR BUMPER ADHESIVE PART B-03-01/11/04

### RISK PHRASES IN FULL

R21 Harmful in contact with skin.  
R21/22 Harmful in contact with skin and if swallowed.  
R34 Causes burns.  
R43 May cause sensitisation by skin contact.  
R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.  
R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

### DISCLAIMER

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