



SAFETY DATA SHEET

112B Fusor Metal Adhesive Part B

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY/UNDERTAKING

PRODUCT NAME 112B Fusor Metal Adhesive Part B
 PRODUCT NO. 5A12GBFB
 SUPPLIER Lord Corporation (Europe) Ltd
 Chemical Products Division
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 Kingdom
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2 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification
BENZOYL PEROXIDE	202-327-6	94-36-0	1-5%	E;R2 R43 Xi;R36
DIBUTYL PHTHALATE		84-74-2	1-5%	Xn;R20/21/22. Carc 3;R40. Xi;R36/37/38.
DICYCLOHEXYL PHTHALATE		84-61-7	1-5%	Xi;R36/37/38.
EPOXY RESIN (Number average MW <= 700)	500-033-5	25068-38-6	10-30%	R43 Xi;R36/38 N;R51,R53

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

3 HAZARDS IDENTIFICATION

Limited evidence of a carcinogenic effect. May cause sensitisation by skin contact. Irritating to eyes and skin. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

CLASSIFICATION Carc 3;R40. Xi;R36/38. R43. N;R51/53.

4 FIRST-AID MEASURES

GENERAL INFORMATION

Move the exposed person to fresh air at once. Get medical attention if any discomfort continues.

INHALATION

Move the exposed person to fresh air at once. Rinse nose and mouth with water. Get medical attention if any discomfort continues.

INGESTION

DO NOT INDUCE VOMITING! Immediately rinse mouth and provide fresh air. Get medical attention immediately!

SKIN CONTACT

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

EYE CONTACT

Promptly wash eyes with plenty of water while lifting the eye lids. Make sure to remove any contact lenses from the eyes before rinsing. Continue to rinse for at least 15 minutes. Get medical attention immediately. Continue to rinse.

5 FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA

Fire can be extinguished using: Foam. Carbon dioxide (CO₂). Powder. Water spray, fog or mist.

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SPECIAL FIRE FIGHTING PROCEDURES

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.

UNUSUAL FIRE & EXPLOSION HAZARDS

If heated, volume and pressure increases strongly, resulting in explosion of container.

SPECIFIC HAZARDS

Fire creates: Toxic gases/vapours/fumes of Carbon monoxide (CO). Carbon dioxide (CO₂).

6 ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS

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

ENVIRONMENTAL PRECAUTIONS

Do not allow ANY environmental contamination.

SPILL CLEAN UP METHODS

Ventilate well. DO NOT TOUCH SPILLED MATERIAL! Wear necessary protective equipment. Collect and reclaim or dispose in sealed containers in licensed waste.

7 HANDLING AND STORAGE

USAGE PRECAUTIONS

Avoid spilling, skin and eye contact. Ventilate well, avoid breathing vapours. Use approved respirator if air contamination is above accepted level. Persons susceptible for allergic reactions should not handle this product.

STORAGE PRECAUTIONS

Store in tightly closed original container in a cool, dry well-ventilated place. Keep in original container. Keep separate from food, feedstuffs, fertilisers and other sensitive material.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Name	Std	LT - ppm	LT - mg/m ³	ST - ppm	ST - mg/m ³
BENZOYL PEROXIDE	OES		5 mg/m ³		

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.

EYE PROTECTION

Use approved safety goggles or face shield.

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	Viscous Liquid
COLOUR	Black
ODOUR	Mild (or faint).

REVISION DATE: 01/11/04

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SOLUBILITY	Insoluble in water		
RELATIVE DENSITY	1.75 - 1.85 @ 20 °c	VOLATILE BY VOL. (%)	0.0
FLASH POINT (°C)	93 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

Amines. Strong oxidising substances. Strong acids. Strong alkalies. Water reactive material.

HAZARDOUS DECOMPOSITION PRODUCTS

High temperatures generate: Toxic gases/vapours/fumes of: Carbon dioxide (CO₂). Carbon monoxide (CO).

11 TOXICOLOGICAL INFORMATION

GENERAL INFORMATION

This product has low toxicity. Only large volumes may have adverse impact on human health.

INHALATION

May cause irritation to the respiratory system.

INGESTION

Harmful if swallowed.

SKIN CONTACT

Irritating to skin. May cause sensitisation by skin contact.

EYE CONTACT

Irritating to eyes.

HEALTH WARNINGS

Preparation contains an epoxy resin, which may cause sensitisation and development of allergy.

ROUTE OF ENTRY

Skin and/or eye contact.

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. Do not allow runoffs! This chemical is toxic to organisms in water.

14 TRANSPORT INFORMATION



UK ROAD CLASS

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PROPER SHIPPING NAME

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (EPOXY RESIN (Number average MW <= 700), DIBUTYL PHTHALATE)

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112B Fusor Metal Adhesive Part B

UN NO. ROAD	3082	UK ROAD PACK GR.	III
ADR CLASS NO.	9	ADR CLASS	Class 9: Miscellaneous dangerous substances and articles.
ADR PACK GROUP	III	HAZARD No. (ADR)	90
ADR LABEL NO.	9	HAZCHEM CODE	2X
CEFIC TEC(R) NO.	90GM6-III	RID CLASS NO.	9
RID PACK GROUP	III	UN NO. SEA	3082
IMDG CLASS	9	IMDG PAGE NO.	9
IMDG PACK GR.	III	EMS	F-A, S-F
MFAG	See Guide	MARINE POLLUTANT	No.
UN NO. AIR	3082	ICAO CLASS	9
AIR PACK GR.	III		

15 REGULATORY INFORMATION

LABELLING



Harmful



Dangerous for the environment

CONTAINS

BENZOYL PEROXIDE
DIBUTYL PHTHALATE
EPOXY RESIN (Number average MW <= 700)

RISK PHRASES

R40 Limited evidence of a carcinogenic effect.
R43 May cause sensitisation by skin contact.
R36/38 Irritating to eyes and skin.
R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

SAFETY PHRASES

P5 Contains epoxy constituents. See information supplied by the manufacturer.
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S24/25 Avoid contact with skin and eyes.
S36/37 Wear suitable protective clothing and gloves.
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. Dangerous Preparations Directive 1999/45/EEC.

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

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

16 OTHER INFORMATION

INFORMATION SOURCES

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

REVISION DATE 01/11/04

REV. NO./REPL. SDS GENERATED 0

REVISION DATE: 01/11/04

112B Fusor Metal Adhesive Part B

SDS NO.

LC35-FUSOR 112B PART B -01-01/11/04

RISK PHRASES IN FULL

R2	Risk of explosion by shock, friction, fire or other sources of ignition.
R20/21/22	Harmful by inhalation, in contact with skin and if swallowed.
R36	Irritating to eyes.
R36/37/38	Irritating to eyes, respiratory system and skin.
R36/38	Irritating to eyes and skin.
R40	Limited evidence of a carcinogenic effect.
R43	May cause sensitisation by skin contact.
R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

DISCLAIMER

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials 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, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.