

SAFETY DATA SHEET

DATE: JULY 2008
SUPERSEDES SDS 143A DATED NOVEMBER 2007

REF NO: 143A

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY

PRODUCT: SYLGLAS PLUMBERFIX <i>RESIN COMPONENT (1 OF 2)</i> Recommended Use: Leak Sealer	SUPPLIER: WINN & COALES (DENSO) LTD DENSO HOUSE CHAPEL ROAD LONDON SE27 0TR TEL: 020 8670 7511 FAX: 020 8761 2456 e-mail: help@denso.net
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2. COMPOSITION/INFORMATION ON INGREDIENTS

PRODUCT CONTAINS:	RISK SYMBOL:	RISK PHRASES:	CAS NUMBER:	EINECS No:	CONCn. (W/W):
Bisphenol A/F, epoxide resin	N, Xi	R36/38-43-51/53	.25068-38-6	--	20% approx.

PRODUCT CLASSIFICATION :- IRRITANT AND DANGEROUS FOR THE ENVIRONMENT

Irritating to eyes and skin.
May cause sensitisation by skin contact.
Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment

4. FIRST AID MEASURES

SKIN CONTACT	Wash thoroughly with soap and water.
EYE CONTACT	Wash immediately with plenty of clean water for 15 minutes. Seek medical attention.
INHALATION	Remove to fresh air. Seek medical attention.
INGESTION	Rinse mouth out with clean water. If swallowed, do <u>not</u> induce vomiting, drink plenty of water. Seek medical attention immediately.
THIS SHEET TO BE SHOWN TO EMERGENCY/MEDICAL STAFF	

5. FIREFIGHTING MEASURES

EXTINGUISHING MEDIA	Foam / water fog / dry powder / CO ₂ .
DO NOT USE	Water jet.
PROTECTIVE EQUIPMENT	Self contained breathing apparatus may be needed for large fires.
OTHER	Fumes liberated when product is involved in fire must not be inhaled. (Toxic).

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS	Suitable protective clothing such as overalls, rubber or plastic coated gloves, eye/face protection and enclosed footwear is advised. No smoking, eating or drinking during near the product.
ENVIRONMENTAL PRECAUTIONS	Do not allow material to enter drains or waterways. If this should occur alert the relevant authorities.
METHOD OF CLEANING	Shovel into suitable container and dispose of as in section 13.

7. HANDLING AND STORAGE

HANDLING	Avoid contact with skin and eyes.
STORAGE	Store in cool place away from direct sunlight.

8. EXPOSURE CONTROL/PERSONAL PROTECTION

EXPOSURE LIMITS	Not applicable.
RESPIRATORY PROTECTION	None required.
SKIN PROTECTION	Wear overalls and rubber/plastic gloves. Enclosed footwear.
EYE/FACE PROTECTION	Safety glasses/goggles or face protection advised.
OTHER	Wash hands after each work period and before eating.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Off-White Putty	EXPLOSION LIMITS	Not applicable
ODOUR	Slight	COLOUR (S)	Off-White
SPECIFIC GRAVITY	1.8		
% VOLATILE	Nil		
SOLUBILITY IN WATER	Nil		
FLASH POINT	>100 deg.C.		
BOILING POINT	Not applicable		

10. STABILITY AND REACTIVITY

CONDITIONS TO AVOID	High temperatures.
MATERIALS TO AVOID	Strong acids, strong bases, strong oxidising agents.
HAZARDOUS DECOMPOSITION PRODUCTS	When burned Carbon Dioxide, Monoxide. (Toxic fumes).

11. TOXICOLOGICAL INFORMATION

LD 50: Acute oral toxicity in rats:	>10,000mg/kg.
Eye irritation tested in rabbits:	possible irritant.
Skin irritation tested in rabbits:	moderate irritant.
Skin sensitisation in guinea pigs:	may cause sensitisation by skin contact.

12. ECOLOGICAL INFORMATION

Biodegradable. No bioaccumulation potential. Negligible ecotoxicity. Do not allow to enter water courses. If water is contaminated inform the relevant authorities immediately.

13. DISPOSAL CONSIDERATIONS

Incineration or landfill in accordance with local regulations. Contaminated packaging material disposed of as material itself. Non-contaminated packaging material should be treated as household waste or as recycling material. Cured material may be disposed of as builders waste.
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14. TRANSPORT INFORMATION

SPECIAL PRECAUTIONS IN CARRIAGE	None.		
MAIN RISK Not applicable	SUBSIDIARY RISK Not applicable		
CLASSIFICATION DATE 15.07.08.	UN NO. None	PACKING GROUP None	OTHER -

15. REGULATORY INFORMATION

LABEL INFORMATION	SYMBOL LETTER Xi	RISK PHRASES R36/38-43-52/53
CONTAINS:	Bisphenol A/F Epoxy Resin.	
RISK PHRASES:	Irritating to eyes and skin. May cause sensitisation by skin contact. Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.	
SAFETY PHRASES:	Wear suitable protective clothing, gloves and eye/face protection. After contact with skin wash immediately with plenty of soap and water. Contains Epoxy Constituents – see information provided by manufacturers.	
NOTE:	Actual label may not be as above if product was supplied some time previously or labelling is in transition period.	

16. OTHER INFORMATION

Risk Phrases Used in Sections 2 and 3 for Ingredients and Product

R 36/38	Irritating to eyes and skin
R 43	May cause sensitisation by skin contact
R 51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment
R 52/53	Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment

The data in this Safety Data Sheet has been supplied as required by Regulation (EC) 1907 / 2006 of the European Parliament and of the Council concerning the Regulation, Evaluation, Authorisation and Restriction of Chemicals (REACH), for the purpose of protecting the health and safety of industrial and commercial users who are deemed capable of understanding and acting on the information provided.

Please ensure that it is passed to the appropriate person(s) in your company, who are capable of acting on the information.

CHANGES FROM PREVIOUS SAFETY DATA SHEET

Information added: Recommended Use (Section 1).

Information Revised: Classification date (Section 14), Reference to CHIP regulations supplanted by reference to REACH Regulations (Section 16).

Note: This data sheet does not constitute a user's assessment of workplace risk as required by HSW Act, COSHH, Management of Health and Safety at Work legislation, or any other Health and Safety legislation.

The information given in this Safety Data Sheet is based on current knowledge and experience and is intended to describe the products in terms of their health and safety requirements. It should not therefore be construed as guaranteeing specific properties.

SAFETY DATA SHEET

DATE: JULY 2008
SUPERSEDES SDS 143B DATED NOVEMBER 2007

REF NO: 143B

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY

PRODUCT: SYLGLAS PLUMBERFIX HARDENER COMPONENT (1 OF 2) Recommended Use: Leak Sealer	SUPPLIER: WINN & COALES (DENSO) LTD DENSO HOUSE CHAPEL ROAD LONDON SE27 0TR TEL: 020 8670 7511 FAX: 020 8761 2456 e-mail: help@denso.net
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2. HAZARDS IDENTIFICATION

PRODUCT CLASSIFICATION :- IRRITANT and DANGEROUS FOR THE ENVIRONMENT. Irritating to skin Risk of serious damage to eyes. May cause sensitisation by skin contact. Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment

3. COMPOSITION/INFORMATION ON INGREDIENTS

PRODUCT CONTAINS:	RISK SYMBOL:	RISK PHRASES:	CAS NUMBER:	CONCN. (W/W):
Polyaminoamide	Xi	R41	68410-23-1	15-25 %
3,6,9-Triazuandecamethylenediamine	Xn, C, N	R21/22-34-43-51/53	112-57-2	< 5 %

4. FIRST AID MEASURES

SKIN CONTACT	Wash with plenty of soap and water. If irritation persists or dermatitis appears seek medical advice.
EYE CONTACT	Wash immediately with plenty of clean water for 15 minutes. Seek medical attention.
INHALATION	If irritation occurs, remove to fresh air. If symptoms persist or inflammation occurs seek medical advice.
INGESTION	Do <u>not</u> induce vomiting. Rinse mouth out with clean water. If swallowed drink plenty of water. Seek medical attention immediately.
THIS SHEET TO BE SHOWN TO EMERGENCY/MEDICAL STAFF	

5. FIREFIGHTING MEASURES

EXTINGUISHING MEDIA	Foam/water fog/dry powder/CO ₂ .
DO NOT USE	Water jet.
PROTECTIVE EQUIPMENT	Self contained breathing apparatus may be needed for large fires.
OTHER	Fumes liberated when product is involved in fire must not be inhaled. (Toxic).

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS	Suitable protective clothing such as overalls, rubber or plastic gloves, eye/face protection and enclosed footwear is advised.
ENVIRONMENTAL PRECAUTIONS	Do not allow material to enter drains or water courses. If this should occur alert the relevant authorities.
METHOD OF CLEANING	Shovel into container and dispose of as in Section 13.

7. HANDLING AND STORAGE

HANDLING	Ensure good ventilation. Avoid contact with skin and eyes.
STORAGE	Store in a cool place away from direct sunlight.

8. EXPOSURE CONTROL/PERSONAL PROTECTION

EXPOSURE LIMITS	Not applicable.
RESPIRATORY PROTECTION	Ensure adequate ventilation.
SKIN PROTECTION	Use overalls, rubber/plastic gloves and enclosed footwear.
EYE/FACE PROTECTION	Safety glasses/goggles or face protection advised.
OTHER	Wash hands after each work period and before coating.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Red Putty	EXPLOSION LIMITS	Not applicable
ODOUR	Slight	COLOUR (S)	Red
SPECIFIC GRAVITY	1.8		
% VOLATILE	Nil		
SOLUBILITY IN WATER	Insoluble		
FLASH POINT	>100°C		
BOILING POINT	Not known		

10. STABILITY AND REACTIVITY

CONDITIONS TO AVOID	High temperatures.
MATERIALS TO AVOID	Strong acids, strong bases, strong oxidising agents.
HAZARDOUS DECOMPOSITION PRODUCTS	When burned carbon dioxide, monoxide and oxides of nitrogen. (Toxic fumes).

11. TOXICOLOGICAL INFORMATION

3,6,9- Triazaundecamethylenediamine, Oral Rat LD50 >3,500mg/kg.

12. ECOLOGICAL INFORMATION

Do not allow to enter water courses. If water is contaminated inform the relevant authorities immediately.

13. DISPOSAL CONSIDERATIONS

Incineration or landfill in accordance with local regulations. Contaminated packaging material should be disposed of as material itself. Non-contaminated packaging material should be treated as household waste or as recycling materials. Cured material may be disposed of as builders waste.

14. TRANSPORT INFORMATION

SPECIAL PRECAUTIONS IN CARRIAGE	None.		
MAIN RISK Not applicable	SUBSIDIARY RISK Not applicable		
CLASSIFICATION DATE 15.07.08.	UN NO. None	PACKING GROUP None	OTHER -

15. REGULATORY INFORMATION

LABEL INFORMATION	SYMBOL LETTER Xi	RISK PHRASES R38-41-43-52/53
CONTAINS: 3,6,9-Triazaundecamethylenediamine		
RISK PHRASES: Irritating to skin Risk of serious damage of eyes. May cause sensitisation by skin contact. Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.		
SAFETY PHRASES: In case of contact with eyes, rinse immediately with plenty of clean water and seek medical advice. After contact with skin, wash immediately with plenty of soap and water. Wear suitable protective clothing, gloves and eye/face protection.		
NOTE: Actual label may not be as above if product was supplied some time previously or labelling is in transition period.		

16. OTHER INFORMATION

Risk Phrases Used in Sections 2 and 3 for Ingredients and Product

R 21/22 Harmful in contact with skin and if swallowed
R 34 Causes burns
R 41 Risk of serious damage to eyes
R 43 May cause sensitisation by skin contact
R 51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment
R 52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment

The data in this Safety Data Sheet has been supplied as required by Regulation (EC) 1907 / 2006 of the European Parliament and of the Council concerning the Regulation, Evaluation, Authorisation and Restriction of Chemicals (REACH), for the purpose of protecting the health and safety of industrial and commercial users who are deemed capable of understanding and acting on the information provided.

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The information given in this Safety Data Sheet is based on current knowledge and experience and is intended to describe the products in terms of their health and safety requirements. It should not therefore be construed as guaranteeing specific properties.

N.B. THIS IS A TWO-COMPONENT SYSTEM