



## SAFETY DATA SHEET EP-R9 Primer A

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

**PRODUCT NAME** EP-R9 Primer A  
**SUPPLIER** Instarmac Group plc  
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### 2 HAZARDS IDENTIFICATION

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** Xi;R36/38. R43. N;R51/53.

### 3 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification
BISPHENOL F-EPOXY RESIN		9003-36-5	60-100%	Xi;R36/38. N;R51/53. R43.

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

### 4 FIRST-AID MEASURES

#### INHALATION

Exposure may cause coughing or wheezing Remove casualty from exposure ensuring one's own safety whilst doing so. Get medical attention.

#### INGESTION

There may be soreness and redness of the mouth and throat. Wash out mouth with water Get medical attention.

#### SKIN CONTACT

There may be irritation and redness at the site of contact Remove all contaminated clothing and footwear immediately unless stuck to skin. Wash the skin immediately with soap and water. Get medical attention.

#### EYE CONTACT

There may be irritation and redness The eyes may water profusely. 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

Use fire-extinguishing media appropriate for surrounding materials. Use water spray to cool containers.

#### SPECIFIC HAZARDS

In combustion emits toxic fumes

#### PROTECTIVE MEASURES IN FIRE

Self contained breathing apparatus and full protective clothing must be worn in case of fire. Prevent contact with skin and eyes

### 6 ACCIDENTAL RELEASE MEASURES

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### PERSONAL PRECAUTIONS

Do not attempt to take action without suitable protective clothing - see section 8 Turn leaking containers leak side up to prevent the escape of liquid

### ENVIRONMENTAL PRECAUTIONS

Do not allow to enter drains, sewers or watercourses. Contain the spillage using bunding.

### SPILL CLEAN UP METHODS

Absorb in vermiculite, dry sand or earth and place into containers. Transfer into a closable, labelled salvage container for disposal by an appropriate method.

## 7 HANDLING AND STORAGE

### USAGE PRECAUTIONS

Avoid direct contact with the substance. Avoid the formation of or spread of mists in air.

### STORAGE PRECAUTIONS

Store in a cool and well-ventilated place. Keep containers tightly closed.

## 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

### ENGINEERING MEASURES

Provide adequate ventilation.

### RESPIRATORY EQUIPMENT

Self-contained breathing apparatus must be available in case of emergency.

### HAND PROTECTION

Impermeable material.

### EYE PROTECTION

Wear approved safety goggles. Ensure eye bath is to hand.

### SKIN PROTECTION

Impermeable protective clothing.

## 9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Liquid		
COLOUR	Colourless		
ODOUR	Barely perceptible odour		
SOLUBILITY	Insoluble in water Also soluble in most organic solvents		
RELATIVE DENSITY	1.13	VISCOSITY	Viscous
FLASH POINT (°C)	>100		

## 10 STABILITY AND REACTIVITY

### STABILITY

Stable under normal temperature conditions.

### CONDITIONS TO AVOID

Avoid heat.

### MATERIALS TO AVOID

Strong acids. Strong oxidising substances.

### HAZARDOUS DECOMPOSITION PRODUCTS

In combustion emits toxic fumes

## 11 TOXICOLOGICAL INFORMATION

TOXIC DOSE 1 - LD 50 >2000 mg/kg (oral rat)

### TOXICOLOGICAL INFORMATION

May cause sensitisation by skin contact.

## EP-R9 Primer A

### ROUTE OF ENTRY

Refer to section 4 of SDS for routes of exposure and corresponding symptoms.

## 12 ECOLOGICAL INFORMATION

### MOBILITY

Readily absorbed into soil

### BIOACCUMULATION

No data available.

### DEGRADABILITY

No data available.

### ACUTE FISH TOXICITY

Toxic to aquatic organisms.

## 13 DISPOSAL CONSIDERATIONS

### GENERAL INFORMATION

Waste to be treated as controlled waste. Disposal to licensed waste disposal site in accordance with local Waste Disposal Authority.

## 14 TRANSPORT INFORMATION



<b>UK ROAD CLASS</b>	9		
<b>PROPER SHIPPING NAME</b>	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (BISPHENOL F-EPOXY RESIN)		
<b>UN NO. ROAD</b>	3082	<b>UK ROAD PACK GR.</b>	III
<b>ADR CLASS NO.</b>	9	<b>ADR CLASS</b>	Class 9: Miscellaneous dangerous substances and articles.
<b>ADR PACK GROUP</b>	III	<b>HAZARD No. (ADR)</b>	90
<b>ADR LABEL NO.</b>	9	<b>HAZCHEM CODE</b>	3Z
<b>CEFIC TEC(R) NO.</b>	90GM6-III	<b>RID CLASS NO.</b>	9
<b>RID PACK GROUP</b>	III	<b>UN NO. SEA</b>	3082
<b>IMDG CLASS</b>	9	<b>IMDG PACK GR.</b>	III
<b>EMS</b>	F-A, S-F	<b>UN NO. AIR</b>	3082
<b>AIR CLASS</b>	9	<b>AIR PACK GR.</b>	III

## 15 REGULATORY INFORMATION

### LABELLING



Irritant



Dangerous for the environment

### CONTAINS

BISPHENOL F-EPOXY RESIN

### RISK PHRASES

R43 May cause sensitisation by skin contact.  
R36/38 Irritating to eyes and skin.

## EP-R9 Primer A

R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

### SAFETY PHRASES

S24/25 Avoid contact with skin and eyes.  
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
S37 Wear suitable gloves.  
S61 Avoid release to the environment. Refer to special instructions/safety data sheets.

### UK REGULATORY REFERENCES

The Control of Substances Hazardous to Health (Amendment) Regulations 2004 Chemicals (Hazard Information & Packaging) Regulations.

### ENVIRONMENTAL LISTING

Control of Pollution Act 1974.

### EU DIRECTIVES

Dangerous Substance Directive 67/548/EEC. Dangerous Preparations Directive 1999/45/EC. Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments.

### APPROVED CODE OF PRACTICE

Safety Data Sheets for Substances and Preparations. Classification and Labelling of Substances and Preparations Dangerous for Supply.

### NATIONAL REGULATIONS

Workplace Exposure Limits 2005 (EH40) The Carriage of Dangerous Goods and Use of Transportable Pressure Equipment Regulations 2007 (CDG 2007)

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## 16 OTHER INFORMATION

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### GENERAL INFORMATION

If further information on training is required contact Instarmac Group plc

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### RISK PHRASES IN FULL

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

### DISCLAIMER

The purpose of the above information is to describe the products only in terms of health and safety requirements. 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. It is the users obligation to evaluate and use this product safely and to comply with all applicable laws and regulations. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date specified.

All goods are supplied in accordance with Instarmac Group plc's general conditions of sale, copies of which may be obtained by telephoning sales on 01827 872244



## SAFETY DATA SHEET EP-R9 Primer B

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

**PRODUCT NAME** EP-R9 Primer B  
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### 2 HAZARDS IDENTIFICATION

Harmful in contact with skin and if swallowed. Causes burns. May cause sensitisation by skin contact. Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

**CLASSIFICATION** Xn;R21/22. C;R34. R43. R52/53.

### 3 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification
MODIFIED CYCLOALIPHATIC AMINE			60-100%	Xn;R20/21/22. C;R34. R43,R52/53.

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

### 4 FIRST-AID MEASURES

#### INHALATION

There may be irritation of the throat with a feeling of tightness in the chest. Remove casualty from exposure ensuring one's own safety whilst doing so. Get medical attention.

#### INGESTION

There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur. There may be vomiting. Wash out mouth with water DO NOT INDUCE VOMITING! If conscious, give 500ml of water to drink immediately. Get medical attention.

#### SKIN CONTACT

There may be irritation and redness at the site of contact Remove all contaminated clothes and footwear immediately unless stuck to skin. Drench the affected skin with running water for 10 minutes or longer if substance still on skin. Get medical attention.

#### EYE CONTACT

There may be irritation and redness The eyes may water profusely. Important! Immediately rinse with water for at least 15 minutes. Get medical attention.

### 5 FIRE-FIGHTING MEASURES

#### EXTINGUISHING MEDIA

Use fire-extinguishing media appropriate for surrounding materials. Use water spray to cool containers.

#### SPECIFIC HAZARDS

In combustion emits toxic fumes

#### PROTECTIVE MEASURES IN FIRE

Self contained breathing apparatus and full protective clothing must be worn in case of fire. Prevent contact with skin and eyes

### 6 ACCIDENTAL RELEASE MEASURES

## EP-R9 Primer B

### PERSONAL PRECAUTIONS

Wear protective clothing as described in Section 8 of this safety data sheet. If outside do not approach from downwind. Mark out the contaminated area with signs and prevent access to unauthorised personnel. If outside keep bystanders upwind and away from danger point. Turn leaking containers leak side up to prevent the escape of liquid

### ENVIRONMENTAL PRECAUTIONS

Do not allow to enter drains, sewers or watercourses. Contain the spillage using bunding.

### SPILL CLEAN UP METHODS

Absorb in vermiculite, dry sand or earth and place into containers. Transfer into a closable, labelled salvage container for disposal by an appropriate method.

## 7 HANDLING AND STORAGE

### USAGE PRECAUTIONS

Ensure there is sufficient ventilation of the area. Do not handle in a confined space. Avoid direct contact with the substance. Avoid the formation of or spread of mists in air.

### STORAGE PRECAUTIONS

Store in a cool and well-ventilated place. Keep containers tightly closed. Keep in original container.

## 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

### ENGINEERING MEASURES

Provide adequate ventilation.

### RESPIRATORY EQUIPMENT

Self-contained breathing apparatus must be available in case of emergency.

### HAND PROTECTION

Impermeable material.

### EYE PROTECTION

Wear approved safety goggles. Ensure eye bath is to hand.

### SKIN PROTECTION

Impervious Clothing

## 9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Liquid		
COLOUR	Pale yellow		
ODOUR	Ammonia		
SOLUBILITY	Slightly soluble in water.		
VISCOSITY	non-viscous	FLASH POINT (°C)	100°c

## 10 STABILITY AND REACTIVITY

### STABILITY

Stable under normal temperature conditions.

### CONDITIONS TO AVOID

Avoid heat.

### MATERIALS TO AVOID

Strong oxidising substances. Strong acids.

### HAZARDOUS DECOMPOSITION PRODUCTS

In combustion emits toxic fumes

## 11 TOXICOLOGICAL INFORMATION

### TOXICOLOGICAL INFORMATION

May cause sensitisation by skin contact.

## EP-R9 Primer B

### ROUTE OF ENTRY

Refer to section 4 of SDS for routes of exposure and corresponding symptoms.

## 12 ECOLOGICAL INFORMATION

### MOBILITY

Readily absorbed into soil

### BIOACCUMULATION

No data available on bioaccumulation.

### DEGRADABILITY

No data available.

### ACUTE FISH TOXICITY

Toxic to aquatic organisms.

## 13 DISPOSAL CONSIDERATIONS

### GENERAL INFORMATION

Waste to be treated as controlled waste. Disposal to licensed waste disposal site in accordance with local Waste Disposal Authority.

## 14 TRANSPORT INFORMATION



<b>UK ROAD CLASS</b>	8		
<b>PROPER SHIPPING NAME</b>	AMINES, LIQUID, CORROSIVE, N.O.S. (CYCLOALIPHATIC AMINE)		
<b>UN NO. ROAD</b>	2735	<b>UK ROAD PACK GR.</b>	III
<b>ADR CLASS NO.</b>	C7	<b>ADR CLASS</b>	Class 8: Corrosive substances.
<b>ADR PACK GROUP</b>	III	<b>HAZARD NO. (ADR)</b>	80 Corrosive or slightly corrosive substance.
<b>UN NO. SEA</b>	2735	<b>IMDG PACK GR.</b>	III
<b>EMS</b>	8-05		

## 15 REGULATORY INFORMATION

### LABELLING



Corrosive

### CONTAINS

MODIFIED CYCLOALIPHATIC AMINE

### RISK PHRASES

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

### SAFETY PHRASES

S26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
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## EP-R9 Primer B

S36/37/39	Wear suitable protective clothing, gloves and eye/face protection.
S45	In case of accident or if you feel unwell, seek medical advice immediately (show label where possible).
S61	Avoid release to the environment. Refer to special instructions/safety data sheets.

### UK REGULATORY REFERENCES

The Control of Substances Hazardous to Health (Amendment) Regulations 2004 Chemicals (Hazard Information & Packaging) Regulations.

### ENVIRONMENTAL LISTING

Control of Pollution Act 1974.

### EU DIRECTIVES

Dangerous Substance Directive 67/548/EEC. Dangerous Preparations Directive 1999/45/EC. Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments.

### APPROVED CODE OF PRACTICE

Safety Data Sheets for Substances and Preparations. Classification and Labelling of Substances and Preparations Dangerous for Supply.

### NATIONAL REGULATIONS

Workplace Exposure Limits 2005 (EH40) The Carriage of Dangerous Goods and Use of Transportable Pressure Equipment Regulations 2007 (CDG 2007)

## 16 OTHER INFORMATION

### GENERAL INFORMATION

If further information on training is required contact Instarmac Group plc

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### RISK PHRASES IN FULL

R20/21/22	Harmful by inhalation, in contact with skin and if swallowed.
R34	Causes burns.
R43	May cause sensitisation by skin contact.
R52/53	Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

### DISCLAIMER

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## SAFETY DATA SHEET EP-R9 Pack C

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

**PRODUCT NAME** EP-R9 Pack C  
**SUPPLIER** Instarmac Group plc  
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### 2 HAZARDS IDENTIFICATION

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

**CLASSIFICATION** R43. R52/53.

### 3 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification
MODIFIED BISHENO A/F EPOXY RESIN			30-60%	Xi;R36/38. N;R51/53. R43.

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

### 4 FIRST-AID MEASURES

#### INHALATION

Exposure may cause coughing or wheezing Remove casualty from exposure ensuring one's own safety whilst doing so.

#### INGESTION

There may be soreness and redness of the mouth and throat. Wash out mouth with water Get medical attention.

#### SKIN CONTACT

There may be irritation and redness at the site of contact Remove all contaminated clothing and footwear immediately unless stuck to skin. Wash the skin immediately with soap and water. Get medical attention.

#### EYE CONTACT

There may be irritation and redness Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes. Get medical attention.

### 5 FIRE-FIGHTING MEASURES

#### EXTINGUISHING MEDIA

Use fire-extinguishing media appropriate for surrounding materials. Use water spray to cool containers.

#### UNUSUAL FIRE & EXPLOSION HAZARDS

In combustion emits toxic fumes

#### PROTECTIVE MEASURES IN FIRE

Self contained breathing apparatus and full protective clothing must be worn in case of fire. Prevent contact with skin and eyes

### 6 ACCIDENTAL RELEASE MEASURES

## EP-R9 Pack C

### PERSONAL PRECAUTIONS

Do not attempt to take action without suitable protective clothing - see section 8 Turn leaking containers leak side up to prevent the escape of liquid

### ENVIRONMENTAL PRECAUTIONS

Do not allow to enter drains, sewers or watercourses. Contain the spillage using bunding.

### SPILL CLEAN UP METHODS

Absorb in vermiculite, dry sand or earth and place into containers. Transfer into a closable, labelled salvage container for disposal by an appropriate method.

## 7 HANDLING AND STORAGE

### USAGE PRECAUTIONS

Avoid direct contact with the substance. Avoid the formation of or spread of mists in air.

### STORAGE PRECAUTIONS

Store in a cool and well-ventilated place. Keep containers tightly closed.

## 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

### ENGINEERING MEASURES

Provide adequate ventilation.

### RESPIRATORY EQUIPMENT

Self-contained breathing apparatus must be available in case of emergency.

### HAND PROTECTION

Impervious gloves.

### EYE PROTECTION

Wear approved safety goggles. Ensure eye bath is to hand.

### SKIN PROTECTION

Impervious Clothing

## 9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Paste		
COLOUR	Beige.		
ODOUR	Barely perceptible odour		
SOLUBILITY	Insoluble in water		
EVAPORATION RATE	Negligible	VISCOSITY	Semi dry mortar

## 10 STABILITY AND REACTIVITY

### STABILITY

Stable under normal temperature conditions.

### CONDITIONS TO AVOID

Avoid heat.

### MATERIALS TO AVOID

Strong oxidising substances. Strong acids.

### HAZARDOUS DECOMPOSITION PRODUCTS

In combustion emits toxic fumes

## 11 TOXICOLOGICAL INFORMATION

### ROUTE OF ENTRY

Refer to section 4 of SDS for routes of exposure and corresponding symptoms.

### MEDICAL SYMPTOMS

May cause sensitisation by skin contact.

## EP-R9 Pack C

### 12 ECOLOGICAL INFORMATION

#### MOBILITY

Heavier than water

#### BIOACCUMULATION

No data available on bioaccumulation.

#### DEGRADABILITY

No data available.

#### ACUTE FISH TOXICITY

Very toxic to aquatic organisms.

### 13 DISPOSAL CONSIDERATIONS

#### GENERAL INFORMATION

Waste to be treated as controlled waste. Disposal to licensed waste disposal site in accordance with local Waste Disposal Authority.

### 14 TRANSPORT INFORMATION

#### GENERAL

The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).

### 15 REGULATORY INFORMATION

#### LABELLING



Irritant

#### CONTAINS

MODIFIED BISHENO A/F EPOXY RESIN

#### RISK PHRASES

R43	May cause sensitisation by skin contact.
R52/53	Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

#### SAFETY PHRASES

S24	Avoid contact with skin.
S27	Take off immediately all contaminated clothing.
S37	Wear suitable gloves.

#### UK REGULATORY REFERENCES

The Control of Substances Hazardous to Health (Amendment) Regulations 2004 Chemicals (Hazard Information & Packaging) Regulations.

#### ENVIRONMENTAL LISTING

Control of Pollution Act 1974.

#### EU DIRECTIVES

Dangerous Substance Directive 67/548/EEC. Dangerous Preparations Directive 1999/45/EC. Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments.

#### APPROVED CODE OF PRACTICE

Safety Data Sheets for Substances and Preparations. Classification and Labelling of Substances and Preparations Dangerous for Supply.

#### NATIONAL REGULATIONS

Workplace Exposure Limits 2005 (EH40) The Carriage of Dangerous Goods and Use of Transportable Pressure Equipment Regulations 2007 (CDG 2007)

## EP-R9 Pack C

### 16 OTHER INFORMATION

#### GENERAL INFORMATION

If further information on training is required contact Instarmac Group plc

**REVISION DATE** 20/10/2008

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#### RISK PHRASES IN FULL

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

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**SAFETY DATA SHEET**  
**EP-R9 Pack D**

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

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**2 HAZARDS IDENTIFICATION**

May cause sensitisation by skin contact. Irritating to respiratory system and skin.

**CLASSIFICATION** Xi;R37/38. R43.

**HUMAN HEALTH**

Causes burns.

**3 COMPOSITION/INFORMATION ON INGREDIENTS**

Name	EC No.	CAS-No.	Content	Classification
MODIFIED CYCLOALIPHATIC AMINE			1-10%	Xn;R20/21/22. C;R34. R43,R52/53.

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

**4 FIRST-AID MEASURES**

**INHALATION**

Exposure may cause coughing or wheezing Remove casualty from exposure ensuring one's own safety whilst doing so. Get medical attention.

**INGESTION**

There may be soreness and redness of the mouth and throat. Wash out mouth with water Get medical attention.

**SKIN CONTACT**

There may be irritation and redness at the site of contact Remove all contaminated clothing and footwear immediately unless stuck to skin. Wash the skin immediately with soap and water. Get medical attention.

**EYE CONTACT**

There may be irritation and redness The eyes may water profusely. Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes. Get medical attention.

**5 FIRE-FIGHTING MEASURES**

**EXTINGUISHING MEDIA**

Use fire-extinguishing media appropriate for surrounding materials. Use water spray to cool containers.

**PROTECTIVE MEASURES IN FIRE**

Self contained breathing apparatus and full protective clothing must be worn in case of fire. Prevent contact with skin and eyes

**6 ACCIDENTAL RELEASE MEASURES**

## EP-R9 Pack D

### PERSONAL PRECAUTIONS

Wear protective clothing as described in Section 8 of this safety data sheet. Turn leaking containers leak side up to prevent the escape of liquid

### ENVIRONMENTAL PRECAUTIONS

Do not allow to enter drains, sewers or watercourses. Contain the spillage using bunding.

### SPILL CLEAN UP METHODS

Absorb in vermiculite, dry sand or earth and place into containers. Transfer into a closable, labelled salvage container for disposal by an appropriate method.

## 7 HANDLING AND STORAGE

### USAGE PRECAUTIONS

Avoid direct contact with the substance. Avoid the formation of or spread of mists in air.

### STORAGE PRECAUTIONS

Store in a cool and well-ventilated place. Keep containers tightly closed.

## 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

### ENGINEERING MEASURES

Provide adequate ventilation.

### RESPIRATORY EQUIPMENT

Self-contained breathing apparatus must be available in case of emergency.

### HAND PROTECTION

Impermeable material.

### EYE PROTECTION

Wear approved safety goggles. Ensure eye bath is to hand.

### SKIN PROTECTION

Impervious Clothing

## 9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Paste
COLOUR	Dark Grey
ODOUR	Characteristic
SOLUBILITY	Insoluble in water
VISCOSITY	SEMI DRY MORTAR

## 10 STABILITY AND REACTIVITY

### STABILITY

Stable under normal temperature conditions.

### CONDITIONS TO AVOID

Avoid heat.

### MATERIALS TO AVOID

Strong acids. Strong oxidising substances.

### HAZARDOUS DECOMPOSITION PRODUCTS

In combustion emits toxic fumes

## 11 TOXICOLOGICAL INFORMATION

### HEALTH WARNINGS

May cause sensitisation by skin contact.

### ROUTE OF ENTRY

Refer to section 4 of SDS for routes of exposure and corresponding symptoms.

## EP-R9 Pack D

### 12 ECOLOGICAL INFORMATION

#### MOBILITY

Readily absorbed into soil

#### BIOACCUMULATION

No data available on bioaccumulation.

#### DEGRADABILITY

No data available.

#### ACUTE FISH TOXICITY

Toxic to aquatic organisms.

### 13 DISPOSAL CONSIDERATIONS

#### GENERAL INFORMATION

Waste to be treated as controlled waste. Disposal to licensed waste disposal site in accordance with local Waste Disposal Authority.

### 14 TRANSPORT INFORMATION



<b>UK ROAD CLASS</b>	9		
<b>PROPER SHIPPING NAME</b>	ENVIRONMENTALLY HAZARDOUS SUBSTANCE SOLID N.O.S. (MODIFIED HETEROCYCLIC POLYAMINE #2)		
<b>UN NO. ROAD</b>	3077	<b>UK ROAD PACK GR.</b>	III
<b>ADR CLASS NO.</b>	9	<b>ADR CLASS</b>	Class 9: Miscellaneous dangerous substances and articles.
<b>ADR PACK GROUP</b>	III	<b>HAZARD NO. (ADR)</b>	90 Environmentally hazardous substance; miscellaneous dangerous substances.
<b>RID CLASS NO.</b>	3077	<b>RID PACK GROUP</b>	III
<b>IMDG CLASS</b>	9	<b>IMDG PACK GR.</b>	III
<b>EMS</b>	F-A, S-F		

### 15 REGULATORY INFORMATION

#### LABELLING



Irritant

#### CONTAINS

MODIFIED CYCLOALIPHATIC AMINE

#### RISK PHRASES

R43 May cause sensitisation by skin contact.  
R37/38 Irritating to respiratory system and skin.

#### SAFETY PHRASES

S24 Avoid contact with skin.  
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

## EP-R9 Pack D

S28	After contact with skin, wash immediately with plenty of water.
S23	Do not breathe vapour/spray.
S36/37/39	Wear suitable protective clothing, gloves and eye/face protection.

### UK REGULATORY REFERENCES

The Control of Substances Hazardous to Health (Amendment) Regulations 2004 Chemicals (Hazard Information & Packaging) Regulations.

### ENVIRONMENTAL LISTING

Control of Pollution Act 1974.

### EU DIRECTIVES

Dangerous Substance Directive 67/548/EEC. Dangerous Preparations Directive 1999/45/EC. Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments.

### APPROVED CODE OF PRACTICE

Safety Data Sheets for Substances and Preparations. Classification and Labelling of Substances and Preparations Dangerous for Supply.

### NATIONAL REGULATIONS

Workplace Exposure Limits 2005 (EH40) The Carriage of Dangerous Goods and Use of Transportable Pressure Equipment Regulations 2007 (CDG 2007)

## 16 OTHER INFORMATION

### GENERAL INFORMATION

If further information on training is required contact Instarmac Group plc

**REVISION DATE** 28/10/2008

**REV. NO./REPL. SDS GENERATED** 1

### RISK PHRASES IN FULL

R20/21/22	Harmful by inhalation, in contact with skin and if swallowed.
R34	Causes burns.
R43	May cause sensitisation by skin contact.
R52/53	Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

### DISCLAIMER

The purpose of the above information is to describe the products only in terms of health and safety requirements. 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. It is the users obligation to evaluate and use this product safely and to comply with all applicable laws and regulations. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date specified.

All goods are supplied in accordance with Instarmac Group plc's general conditions of sale, copies of which may be obtained by telephoning sales on 01827 872244