

Revision Date 06/07/2015  
 Revision 3  
 Supersedes date 25/11/2014

# INSTARMAC

## SAFETY DATA SHEET Resi-Bed Finishing Solvent (10kg)

### SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

#### 1.1. Product identifier

Product name Resi-Bed Finishing Solvent (10kg)

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

Identified uses SU 3 - INDUSTRIAL USES SU 21 - CONSUMER USES SU 22 - PROFESSIONAL USES PC9 - Coatings and Paints, Fillers, Putties, Thinners  
 Uses advised against No specific uses advised against are identified.

#### 1.3. Details of the supplier of the safety data sheet

Supplier Instarmac Group plc  
 Danny Morson Way  
 Birch Coppice Business Park  
 Dordon, Tamworth  
 Staffordshire. B78 1SE  
 United Kingdom  
 Tel: +44 (0) 1827 872244  
 Fax: +44 (0) 1827 874466  
 email@instarmac.co.uk www.instarmac.co.uk

#### 1.4. Emergency telephone number

+44(0)1827 254433  
 +44 (0)7971 217 347

### SECTION 2: HAZARDS IDENTIFICATION

#### 2.1. Classification of the substance or mixture

Classification (EC 1272/2008)

Physical and Chemical Hazards Flam. Liq. 1 - H224  
 Human health EUH066; Asp. Tox. 1 - H304  
 Environment Aquatic Chronic 2 - H411

Classification (1999/45/EEC)

Xn;R65. F+;R12. N;R51/53. R66.

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

Human health

See section 11 for additional information on health hazards.

Environment

Contains a substance which causes risk of hazardous effects to the environment.

#### 2.2. Label elements

Contains WHITE SPIRIT

Label In Accordance With (EC) No. 1272/2008



Signal Word Danger

Hazard Statements

H224 Extremely flammable liquid and vapour.  
 H304 May be fatal if swallowed and enters airways.  
 H411 Toxic to aquatic life with long lasting effects.

## Resi-Bed Finishing Solvent (10kg)

## Precautionary Statements

|      |  |
|------|--|
| P210 | Keep away from heat/sparks/open flames/hot surfaces. - No smoking.         |
| P273 | Avoid release to the environment.  |
| P280 | Wear protective gloves/protective clothing/eye protection/face protection. |
| P501 | Dispose of contents/container in accordance with local regulations.        |

## Supplementary Precautionary Statements

|              |  |
|--------------|--|
| P233         | Keep container tightly closed.   |
| P240         | Ground/bond container and receiving equipment.   |
| P241         | Use explosion-proof electrical equipment.  |
| P242         | Use only non-sparking tools.   |
| P243         | Take precautionary measures against static discharge.  |
| P301+310     | IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.  |
| P303+361+353 | IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. |
| P331         | Do NOT induce vomiting.  |
| P391         | Collect spillage.  |
| P370+378     | In case of fire: Use foam, carbon dioxide, dry powder or water fog for extinction.                         |
| P403+235     | Store in a well-ventilated place. Keep cool.   |
| P405         | Store locked up.   |

## Supplemental label information

|        |   |
|--------|---|
| EUH066 | Repeated exposure may cause skin dryness or cracking. |
|--------|---|

2.3. Other hazards

Not Classified as PBT/vPvB by current EU criteria.

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures

|                               |                             |
|-------------------------------|-----------------------------|
| WHITE SPIRIT                  | 60-100%                     |
| CAS-No.: 64742-88-7           | EC No.: 265-191-7           |
| Classification (EC 1272/2008) | Classification (67/548/EEC) |
| Flam. Liq. 3 - H226           | Xn;R65.                     |
| EUH066                        | N;R51/53.                   |
| Asp. Tox. 1 - H304            | R10,R66.                    |
| Aquatic Chronic 2 - H411      |                             |

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

## SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures

## General information

Remove affected person from source of contamination. Contact physician if discomfort continues.

## Inhalation

Move into fresh air and keep at rest. Get medical attention if any discomfort continues.

## Ingestion

Immediately rinse mouth and drink plenty of water. Keep person under observation. If person becomes uncomfortable take to hospital along with these instructions. Do not give victim anything to drink if he is unconscious.

## Skin contact

Wash off promptly and flush contaminated skin with water. Promptly remove clothing if soaked through and flush skin with water. Get medical attention if any discomfort continues.

## Eye contact

Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyes wide apart. Get medical attention if any discomfort continues.

4.2. Most important symptoms and effects, both acute and delayed

## General information

The severity of the symptoms described will vary dependant of the concentration and the length of exposure.

4.3. Indication of any immediate medical attention and special treatment needed

## Resi-Bed Finishing Solvent (10kg)

No specific first aid measures noted.

### SECTION 5: FIREFIGHTING MEASURES

#### 5.1. Extinguishing media

Extinguishing media

Use fire-extinguishing media appropriate for surrounding materials.

Unsuitable extinguishing media

Do not use water jet as an extinguisher, as this will spread the fire.

#### 5.2. Special hazards arising from the substance or mixture

Hazardous combustion products

Incomplete combustion and thermolysis may produce gases of varying toxicity such as carbon monoxide, carbon dioxide, various hydrocarbons, aldehydes and soot. These may be highly dangerous if inhaled in confined spaces or at high concentrations.

Unusual Fire & Explosion Hazards

May explode when heated or when exposed to flames or sparks. If heated, volume and pressure increases strongly, resulting in explosion of container.

Specific hazards

Vapours are heavier than air and may travel along the floor and in the bottom of containers. Vapours may be ignited by a spark, a hot surface or an ember.

#### 5.3. Advice for firefighters

Special Fire Fighting Procedures

Avoid breathing fire vapours. 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.

Protective equipment for fire-fighters

Self contained breathing apparatus and full protective clothing must be worn in case of fire. In case of a large fire or in confined or poorly ventilated spaces, wear full fire

retardant protective clothing and self contained breathing apparatus with a full face-piece operated in positive pressure mode.

### SECTION 6: ACCIDENTAL RELEASE MEASURES

#### 6.1. Personal precautions, protective equipment and emergency procedures

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

#### 6.2. Environmental precautions

Avoid release to the environment.

#### 6.3. Methods and material for containment and cleaning up

GENERAL. Wear necessary protective equipment.

#### 6.4. Reference to other sections

For personal protection, see section 8. Collect and dispose of spillage as indicated in section 13. See section 11 for more detailed information on health effects and symptoms.

### SECTION 7: HANDLING AND STORAGE

#### 7.1. Precautions for safe handling

Avoid contact with skin and eyes. Keep away from heat, sparks and open flame. Eliminate all sources of ignition. Risk of vapour concentration on the floor and in low-lying areas. Static electricity and formation of sparks must be prevented. Use explosion proof electric equipment. Storage tanks and other containers must be grounded. Protect electric equipment against sparking in case of risk of explosion.

Wear full protective clothing for prolonged exposure and/or high concentrations. Contaminated clothing and shoes must be discarded.

Contaminated rags and cloths must be put in fireproof containers for disposal. Do not eat, drink or smoke when using the product. Ventilate well, avoid breathing vapours. Use approved respirator if air contamination is above accepted level.

#### 7.2. Conditions for safe storage, including any incompatibilities

Store at moderate temperatures in dry, well ventilated area. Keep containers tightly closed.

Storage Class

Unspecified storage.

#### 7.3. Specific end use(s)

The identified uses for this product are detailed in Section 1.2.

### SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

#### 8.1. Control parameters

## Resi-Bed Finishing Solvent (10kg)

### Ingredient Comments

No exposure limits noted for ingredient(s).

#### DNEL

|          |             |           |                 |           |
|----------|-------------|-----------|-----------------|-----------|
| Industry | Dermal      | Long Term | 44              | mg/kg/day |
| Industry | Inhalation. | Long Term | 330 per 8 hours | mg/m3     |
| Consumer | Dermal      | Long Term | 26              | mg/kg/day |
| Consumer | Inhalation. | Long Term | 71 per 24 hours | mg/m3     |
| Consumer | Oral        | Long Term | 26              | mg/kg/day |

#### WHITE SPIRIT (CAS: 64742-88-7)

### Ingredient Comments

WEL = Workplace Exposure Limits

## 8.2. Exposure controls

### Protective equipment



### Engineering measures

Not relevant

### Respiratory equipment

No specific recommendations.

### Hand protection

For prolonged or repeated skin contact use suitable protective gloves.

### Eye protection

Wear approved safety goggles.

### Other Protection

Wear appropriate clothing to prevent any possibility of skin contact.

### Hygiene measures

Wash hands at the end of each work shift and before eating, smoking and using the toilet. No specific hygiene procedures noted, but good personal hygiene practices are always advisable, especially when working with chemicals.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1. Information on basic physical and chemical properties

|   |                            |
|---|----------------------------|
| Appearance                              | Liquid                     |
| Colour                                  | Water-white.               |
| Odour                                   | Aromatic hydrocarbons.     |
| Solubility                              | Immiscible with water      |
| Initial boiling point and boiling range | 150-200                    |
| Relative density                        | 774 - 795 15deg c          |
| Vapour pressure                         | <5 kPa 20                  |
| Evaporation rate                        | 65                         |
| Viscosity                               | 0.95 m2/s 40               |
| Flash point                             | >=38Deg c CC (Closed cup). |
| Auto Ignition Temperature (°C)          | 230                        |
| Flammability Limit - Lower(%)           | 0.7                        |
| Flammability Limit - Upper(%)           | 7                          |

### Oxidising properties

Does not meet the criteria for oxidising.

### 9.2. Other information

Not available.

Volatility Description Volatile

Volatile Organic Compound (VOC) 765

## SECTION 10: STABILITY AND REACTIVITY

### 10.1. Reactivity

There are no known reactivity hazards associated with this product.

## Resi-Bed Finishing Solvent (10kg)

10.2. Chemical stability

No particular stability concerns.

10.3. Possibility of hazardous reactions

Not applicable.

Hazardous Polymerisation

Unknown.

10.4. Conditions to avoid

Avoid heat, flames and other sources of ignition.

10.5. Incompatible materials

Materials To Avoid

Acids, oxidising.

10.6. Hazardous decomposition products

Incomplete combustion and thermolysis produces potentially toxic gases such as carbon monoxide, carbon dioxide, various hydrocarbons, aldehydes and soot.

## SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Toxicological information

No information available.

Other Health Effects

Harmful: if swallowed accidentally, the product may enter the lungs due to its low viscosity and lead to the rapid development of very serious pulmonary lesions (medical survey for 48 hours min).

Acute toxicity:

Acute Toxicity (Oral LD50)

> 1500 mg/kg Rat

Acute Toxicity (Dermal LD50)

> 13100 mg/kg Rat

General information

No specific health warnings noted.

Inhalation

No specific health warnings noted.

Ingestion

May irritate and cause stomach pain, vomiting and diarrhoea.

Skin contact

Irritating to skin.

Eye contact

Irritating to eyes.

Health Warnings

This chemical may cause skin/eye irritation.

## SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity

There are no data on the ecotoxicity of this product.

12.1. Toxicity

No information available

LC 50, 96 Hrs, Fish mg/l 30

Acute Toxicity - Fish

LC50 96 hours ~ 30 mg/l *Onchorhynchus mykiss* (Rainbow trout)



## Resi-Bed Finishing Solvent (10kg)

Transport Labels

14.4. Packing group

See Below

|                           |     |
|---------------------------|-----|
| ADR/RID/ADN Packing group | III |
| IMDG Packing group        | III |
| ICAO Packing group        | III |

14.5. Environmental hazards

Environmentally Hazardous Substance/Marine Pollutant

14.6. Special precautions for user

Not applicable.

|                         |          |
|-------------------------|----------|
| EMS                     | F-E, S-E |
| Emergency Action Code   | 3Y       |
| Hazard No. (ADR)        | 30       |
| Tunnel Restriction Code | (D/E)    |

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Not applicable.

## SECTION 15: REGULATORY INFORMATION

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Uk Regulatory References

Health and Safety at Work Act 1974. The Control of Substances Hazardous to Health Regulations 2002 (S.I 2002 No. 2677) with amendments.

Statutory Instruments

Control of Substances Hazardous to Health.

Approved Code Of Practice

Safety Data Sheets for Substances and Preparations.

National Regulations

Health and Safety at Work Act (As Amended) 1974 Control of Substances Hazardous to Health Regulations 2002 (as amended)

Water hazard classification

N/A.

15.2. Chemical Safety Assessment

No chemical safety assessment has been carried out.

## SECTION 16: OTHER INFORMATION

General information

Only trained personnel should use this material.

|               |               |
|---------------|---------------|
| Issued By     | HS&E Manager. |
| Revision Date | 06/07/2015    |
| Revision      | 3             |

## Resi-Bed Finishing Solvent (10kg)

|                           |   |
|---------------------------|---|
| Supersedes date           | 25/11/2014  |
| Safety Data Sheet Status  | Approved.   |
| Risk Phrases In Full      |   |
| R12                       | Extremely flammable.  |
| R10                       | Flammable.  |
| R65                       | Harmful: may cause lung damage if swallowed.  |
| R66                       | Repeated exposure may cause skin dryness or cracking.                                       |
| R51/53                    | Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. |
| Hazard Statements In Full |   |
| H224                      | Extremely flammable liquid and vapour.  |
| H226                      | Flammable liquid and vapour.  |
| H304                      | May be fatal if swallowed and enters airways.   |
| EUH066                    | Repeated exposure may cause skin dryness or cracking.                                       |
| H411                      | Toxic to aquatic life with long lasting effects.  |

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 Revision 3  
 Supersedes date 12/01/2011

# INSTARMAC

## SAFETY DATA SHEET Resi-Bed Primer A

### SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

#### 1.1. Product identifier

Product name Resi-Bed Primer A

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

#### 1.3. Details of the supplier of the safety data sheet

Supplier Instarmac Group plc  
 Danny Morson Way  
 Birch Coppice Business Park  
 Dordon, Tamworth  
 Staffordshire. B78 1SE  
 United Kingdom  
 Tel: +44 (0) 1827 872244  
 Fax: +44 (0) 1827 874466  
 email@instarmac.co.uk www.instarmac.co.uk

#### 1.4. Emergency telephone number

+44 (0)7971 217 347

### SECTION 2: HAZARDS IDENTIFICATION

#### 2.1. Classification of the substance or mixture

Classification (EC 1272/2008)

Physical and Chemical Hazards Not classified.  
 Human health Skin Irrit. 2 - H315; Eye Irrit. 2 - H319; Skin Sens. 1 - H317  
 Environment Aquatic Chronic 2 - H411

Classification (1999/45/EEC)

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

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

#### 2.2. Label elements

Contains BISPHENOL A/F EPOXY RESIN

Label In Accordance With (EC) No. 1272/2008



Signal Word Warning

Hazard Statements

H315 Causes skin irritation.  
 H317 May cause an allergic skin reaction.  
 H319 Causes serious eye irritation.  
 H411 Toxic to aquatic life with long lasting effects.

Precautionary Statements

P273 Avoid release to the environment.  
 P280 Wear protective gloves/protective clothing/eye protection/face protection.  
 P305+351+338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 P313 Get medical advice/attention.  
 P501 Dispose of contents/container in accordance with local regulations.

## Resi-Bed Primer A

### Supplementary Precautionary Statements

|          |  |
|----------|--|
| P272     | Contaminated work clothing should not be allowed out of the workplace. |
| P261     | Avoid breathing vapour/spray.  |
| P264     | Wash contaminated skin thoroughly after handling.                      |
| P321     | Specific treatment (see medical advice on this label).                 |
| P302+352 | IF ON SKIN: Wash with plenty of soap and water.                        |
| P332+313 | If skin irritation occurs: Get medical advice/attention.               |
| P333+313 | If skin irritation or rash occurs: Get medical advice/attention.       |
| P337     | If eye irritation persists:  |
| P362     | Take off contaminated clothing and wash before reuse.                  |
| P363     | Wash contaminated clothing before reuse.                               |
| P391     | Collect spillage.  |

### 2.3. Other hazards

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.2. Mixtures

|                               |                             |         |
|-------------------------------|-----------------------------|---------|
| BISPHENOL A/F EPOXY RESIN     |                             | 60-100% |
| CAS-No.: 9003-36-5            | EC No.:                     |         |
| Classification (EC 1272/2008) | Classification (67/548/EEC) |         |
| Skin Irrit. 2 - H315          | Xi;R36/38.                  |         |
| Eye Irrit. 2 - H319           | N;R51/53.                   |         |
| Skin Sens. 1 - H317           | R43.                        |         |
| Aquatic Chronic 2 - H411      |                             |         |

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

## SECTION 4: FIRST AID MEASURES

### 4.1. Description of 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.

### 4.2. Most important symptoms and effects, both acute and delayed

### 4.3. Indication of any immediate medical attention and special treatment needed

## SECTION 5: FIREFIGHTING MEASURES

### 5.1. Extinguishing media

#### Extinguishing media

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

### 5.2. Special hazards arising from the substance or mixture

#### Specific hazards

In combustion emits toxic fumes

### 5.3. Advice for firefighters

#### Protective equipment for fire-fighters

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

## SECTION 6: ACCIDENTAL RELEASE MEASURES

## Resi-Bed Primer A

### 6.1. Personal precautions, protective equipment and emergency procedures

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

### 6.2. Environmental precautions

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

### 6.3. Methods and material for containment and cleaning up

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

### 6.4. Reference to other sections

For personal protection, see section 8. For waste disposal, see section 13. See section 11 for more detailed information on health effects and symptoms.

## SECTION 7: HANDLING AND STORAGE

### 7.1. Precautions for safe handling

Avoid direct contact with the substance. Avoid the formation of or spread of mists in air. Ventilate well, avoid breathing vapours. Use approved respirator if air contamination is above accepted level.

### 7.2. Conditions for safe storage, including any incompatibilities

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

### 7.3. Specific end use(s)

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1. Control parameters

#### **BISPHENOL A/F EPOXY RESIN (CAS: 9003-36-5)**

Ingredient Comments

WEL = Workplace Exposure Limits

### 8.2. Exposure controls

Engineering measures

Provide adequate ventilation.

Respiratory equipment

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

Hand protection

Impermeable material. Use suitable protective gloves if risk of skin contact.

Eye protection

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

Skin protection

Impermeable protective clothing.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1. Information on basic physical and chemical properties

|   |  |
|---|--|
| Appearance                              | Liquid   |
| Colour                                  | Colourless.  |
| Odour                                   | Barely perceptible odour                                 |
| Solubility                              | Insoluble in water Also soluble in most organic solvents |
| Initial boiling point and boiling range | >35  |
| Relative density                        | 1.10 - 1.15  |
| Viscosity                               | Viscous  |
| Flash point                             | >93  |

### 9.2. Other information

## SECTION 10: STABILITY AND REACTIVITY

### 10.1. Reactivity

## Resi-Bed Primer A

The reaction between epoxy hardener and epoxy resin is exothermic (generates heat).  
Larger quantities of mixed material in bulk could generate sufficient heat to burn, always apply the mixed material as soon as possible after mixing has taken place.

### 10.2. Chemical stability

Stable under normal temperature conditions.

### 10.3. Possibility of hazardous reactions

### 10.4. Conditions to avoid

Avoid heat.

### 10.5. Incompatible materials

Materials To Avoid

Strong acids. Strong oxidising substances.

### 10.6. Hazardous decomposition products

In combustion emits toxic fumes

## SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1. Information on toxicological effects

Toxic Dose 1 - LD 50

>2000 mg/kg (oral rat)

Toxicological information

May cause sensitisation by skin contact.

Inhalation

In high concentrations, vapours may irritate throat and respiratory system and cause coughing.

Skin contact

Prolonged contact may cause redness and irritation.

Eye contact

Irritating and may cause redness and pain.

Route of entry

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

## SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity

Not known.

### 12.1. Toxicity

Acute Fish Toxicity

Toxic to aquatic organisms.

### 12.2. Persistence and degradability

Degradability

No data available.

### 12.3. Bioaccumulative potential

Bioaccumulative potential

No data available.

### 12.4. Mobility in soil

Mobility:

Readily absorbed into soil

### 12.5. Results of PBT and vPvB assessment

This product does not contain any PBT or vPvB substances.

## Resi-Bed Primer A

12.6. Other adverse effects

Toxic to aquatic organisms. Toxic to soil organisms.

## SECTION 13: DISPOSAL CONSIDERATIONS

## General information

Waste is classified as hazardous waste. Disposal to licensed waste disposal site in accordance with the local Waste Disposal Authority.

13.1. Waste treatment methods

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

## SECTION 14: TRANSPORT INFORMATION

14.1. UN number

UN No. (ADR/RID/ADN) 3082

UN No. (IMDG) 3082

14.2. UN proper shipping name

Proper Shipping Name ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (BISPHENOL A/F-EPOXY RESIN MODIFIED)

14.3. Transport hazard class(es)

ADR/RID/ADN Class 9

ADR/RID/ADN Class Class 9: Miscellaneous dangerous substances and articles.

ADR Label No. 9

IMDG Class 9

Transport Labels

14.4. Packing group

ADR/RID/ADN Packing group III

IMDG Packing group III

14.5. Environmental hazards

Environmentally Hazardous Substance/Marine Pollutant

14.6. Special precautions for user

EMS F-A, S-F

Emergency Action Code 3Z

Hazard No. (ADR) 90

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

## SECTION 15: REGULATORY INFORMATION

## Resi-Bed Primer A

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

#### 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.

Approved Code Of Practice

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

#### EU Legislation

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.

#### National Regulations

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

### 15.2. Chemical Safety Assessment

No chemical safety assessment has been carried out.

## SECTION 16: OTHER INFORMATION

#### 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.

#### Hazard Statements In Full

H319 Causes serious eye irritation.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H411 Toxic to aquatic life with long lasting effects.

#### 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

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 Revision 3  
 Supersedes date 12/01/2011

# INSTARMAC

## SAFETY DATA SHEET Resi-Bed Primer B

### SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

#### 1.1. Product identifier

Product name Resi-Bed Primer B

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

#### 1.3. Details of the supplier of the safety data sheet

Supplier Instarmac Group plc  
 Danny Morson Way  
 Birch Coppice Business Park  
 Dordon, Tamworth  
 Staffordshire. B78 1SE  
 United Kingdom  
 Tel: +44 (0) 1827 872244  
 Fax: +44 (0) 1827 874466  
 email@instarmac.co.uk www.instarmac.co.uk

#### 1.4. Emergency telephone number

+44 (0)7971 217 347

### SECTION 2: HAZARDS IDENTIFICATION

#### 2.1. Classification of the substance or mixture

Classification (EC 1272/2008)

|                               |  |
|-------------------------------|--|
| Physical and Chemical Hazards | Not classified.  |
| Human health                  | Acute Tox. 4 - H302; Acute Tox. 4 - H312; Acute Tox. 4 - H332; Skin Corr. 1B - H314; Skin Sens. 1 - H317 |
| Environment                   | Aquatic Chronic 3 - H412   |

Classification (1999/45/EEC)

Xn; R20/21/22. C; R34. R43. R52/53.

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

Human health

May cause minor irritation on skin contact.

Environment

The product contains a substance which is harmful to aquatic organisms.

#### 2.2. Label elements

Contains CYCLOALIPHATIC AMINE

Label In Accordance With (EC) No. 1272/2008



Signal Word

Danger

Hazard Statements

|      |  |
|------|--|
| H302 | Harmful if swallowed.                              |
| H312 | Harmful in contact with skin.                      |
| H314 | Causes severe skin burns and eye damage.           |
| H317 | May cause an allergic skin reaction.               |
| H332 | Harmful if inhaled.                                |
| H412 | Harmful to aquatic life with long lasting effects. |

## Resi-Bed Primer B

## Precautionary Statements

|              |  |
|--------------|--|
| P270         | Do not eat, drink or smoke when using this product.  |
| P271         | Use only outdoors or in a well-ventilated area.  |
| P280         | Wear protective gloves/protective clothing/eye protection/face protection.   |
| P305+351+338 | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. |
| P310         | Immediately call a POISON CENTER or doctor/physician.  |
| P330         | Rinse mouth.   |
| P405         | Store locked up.   |
| P501         | Dispose of contents/container in accordance with local regulations.  |

## Supplementary Precautionary Statements

|              |  |
|--------------|--|
| P272         | Contaminated work clothing should not be allowed out of the workplace.                                     |
| P273         | Avoid release to the environment.  |
| P260         | Do not breathe vapour/spray.   |
| P261         | Avoid breathing vapour/spray.  |
| P264         | Wash contaminated skin thoroughly after handling.  |
| P321         | Specific treatment (see medical advice on this label).   |
| P301+312     | IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.                                 |
| P301+330+331 | IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.   |
| P302+352     | IF ON SKIN: Wash with plenty of soap and water.  |
| P303+361+353 | IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. |
| P304+340     | IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.           |
| P312         | Call a POISON CENTER or doctor/physician if you feel unwell.   |
| P322         | Specific measures (see ... on this label).   |
| P333+313     | If skin irritation or rash occurs: Get medical advice/attention.   |
| P363         | Wash contaminated clothing before reuse.   |

2.3. Other hazards

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures

|                               |                             |
|-------------------------------|-----------------------------|
| CYCLOALIPHATIC AMINE          | 60-100%                     |
| CAS-No.:                      | EC No.:                     |
| Classification (EC 1272/2008) | Classification (67/548/EEC) |
| Acute Tox. 4 - H302           | Xn;R20/21/22.               |
| Acute Tox. 4 - H312           | C;R34.                      |
| Acute Tox. 4 - H332           | R43,R52/53.                 |
| Skin Corr. 1B - H314          |                             |
| Skin Sens. 1 - H317           |                             |
| Aquatic Chronic 3 - H412      |                             |

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

## SECTION 4: FIRST AID MEASURES

4.1. Description of 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.

## Resi-Bed Primer B

### 4.2. Most important symptoms and effects, both acute and delayed

Inhalation.

Coughing, chest tightness, feeling of chest pressure.

Ingestion

May cause discomfort if swallowed.

Skin contact

Prolonged skin contact may cause redness and irritation.

Eye contact

Prolonged contact may cause redness and/or tearing.

### 4.3. Indication of any immediate medical attention and special treatment needed

No specific first aid measures noted.

## SECTION 5: FIREFIGHTING MEASURES

### 5.1. Extinguishing media

Extinguishing media

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

### 5.2. Special hazards arising from the substance or mixture

Specific hazards

In combustion emits toxic fumes

### 5.3. Advice for firefighters

Protective equipment for fire-fighters

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

## SECTION 6: ACCIDENTAL RELEASE MEASURES

### 6.1. Personal precautions, protective equipment and emergency procedures

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

### 6.2. Environmental precautions

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

### 6.3. Methods and material for containment and cleaning up

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

### 6.4. Reference to other sections

For personal protection, see section 8. See section 11 for additional information on health hazards. For waste disposal, see section 13.

## SECTION 7: HANDLING AND STORAGE

### 7.1. Precautions for safe handling

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.

### 7.2. Conditions for safe storage, including any incompatibilities

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

### 7.3. Specific end use(s)

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1. Control parameters

Ingredient Comments

No exposure limits noted for ingredient(s).

### 8.2. Exposure controls

Engineering measures

Provide adequate ventilation.

## Resi-Bed Primer B

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

### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

#### 9.1. Information on basic physical and chemical properties

|   |                            |
|---|----------------------------|
| Appearance                              | Liquid                     |
| Colour                                  | Pale yellow                |
| Odour                                   | Characteristic.            |
| Solubility                              | Slightly soluble in water. |
| Initial boiling point and boiling range | >35                        |
| Relative density                        | 1.00 - 1.06                |
| Viscosity                               | Viscous                    |
| Flash point                             | >93                        |

#### 9.2. Other information

Not available.

### SECTION 10: STABILITY AND REACTIVITY

#### 10.1. Reactivity

No specific reactivity hazards associated with this product.

#### 10.2. Chemical stability

Stable under normal temperature conditions.

#### 10.3. Possibility of hazardous reactions

Not applicable.

#### 10.4. Conditions to avoid

Avoid heat.

#### 10.5. Incompatible materials

Materials To Avoid

Strong oxidising substances. Strong acids.

#### 10.6. Hazardous decomposition products

In combustion emits toxic fumes

### SECTION 11: TOXICOLOGICAL INFORMATION

#### 11.1. Information on toxicological effects

Toxic Dose 1 - LD 50

1620 mg/kg (oral rat)

Toxicological information

May cause sensitisation by skin contact.

Inhalation

May cause irritation to the respiratory system.

Ingestion

Irritating. May cause nausea, stomach pain and vomiting.

Skin contact

Irritating to skin.

## Resi-Bed Primer B

Eye contact

Irritating and may cause redness and pain.

Route of entry

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

### SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity

No data on possible environmental effects have been found.

#### 12.1. Toxicity

Acute Fish Toxicity

Toxic to aquatic organisms.

#### 12.2. Persistence and degradability

Degradability

No data available.

#### 12.3. Bioaccumulative potential

Bioaccumulative potential

No data available on bioaccumulation.

#### 12.4. Mobility in soil

Mobility:

Readily absorbed into soil

#### 12.5. Results of PBT and vPvB assessment

This product does not contain any PBT or vPvB substances.

#### 12.6. Other adverse effects

Toxic to aquatic organisms. Toxic to soil organisms.

### SECTION 13: DISPOSAL CONSIDERATIONS

General information

Waste is classified as hazardous waste. Disposal to licensed waste disposal site in accordance with the local Waste Disposal Authority.

#### 13.1. Waste treatment methods

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

### SECTION 14: TRANSPORT INFORMATION

#### 14.1. UN number

UN No. (ADR/RID/ADN) 2735

UN No. (IMDG) 2735

#### 14.2. UN proper shipping name

Proper Shipping Name AMINES, LIQUID, CORROSIVE, N.O.S. (CYCLOALIPHATIC AMINE)

#### 14.3. Transport hazard class(es)

ADR/RID/ADN Class C7

ADR/RID/ADN Class Class 8: Corrosive substances.

Transport Labels

## Resi-Bed Primer B

14.4. Packing group

ADR/RID/ADN Packing group III

IMDG Packing group III

14.5. Environmental hazards

Environmentally Hazardous Substance/Marine Pollutant  
No.

14.6. Special precautions for user

No information required.

EMS 8-05

Hazard No. (ADR) 80 Corrosive or slightly corrosive substance.

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

## SECTION 15: REGULATORY INFORMATION

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

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.

Approved Code Of Practice

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

EU Legislation

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.

National Regulations

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

15.2. Chemical Safety Assessment

## SECTION 16: OTHER INFORMATION

General information

If further information on training is required contact Instarmac Group plc

Revision Date 11/12/2012

Revision 3

Supersedes date 12/01/2011

Risk Phrases In Full

R34 Causes burns.

R20/21/22 Harmful by inhalation, in contact with skin and if swallowed.

R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R43 May cause sensitisation by skin contact.

## Resi-Bed Primer B

## Hazard Statements In Full

|      |  |
|------|--|
| H314 | Causes severe skin burns and eye damage.           |
| H332 | Harmful if inhaled.                                |
| H302 | Harmful if swallowed.                              |
| H312 | Harmful in contact with skin.                      |
| H412 | Harmful to aquatic life with long lasting effects. |
| H317 | May cause an allergic skin reaction.               |

## 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

Revision Date 13/01/2011

Revision 2

# INSTARMAC

## SAFETY DATA SHEET Resi-Bed Pack C

### SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

#### 1.1. Product identifier

Product name Resi-Bed Pack C

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

#### 1.3. Details of the supplier of the safety data sheet

Supplier Instarmac Group plc  
 Danny Morson Way  
 Birch Coppice Business Park  
 Dordon, Tamworth  
 Staffordshire. B78 1SE  
 United Kingdom  
 Tel: +44 (0) 1827 872244  
 Fax: +44 (0) 1827 874466  
 email@instarmac.co.uk www.instarmac.co.uk

#### 1.4. Emergency telephone number

+44 (0)7971 217 347

### SECTION 2: HAZARDS IDENTIFICATION

#### 2.1. Classification of the substance or mixture

Classification (EC 1272/2008)

|                               |  |
|-------------------------------|--|
| Physical and Chemical Hazards | Not classified.  |
| Human health                  | Skin Irrit. 2 - H315; Eye Irrit. 2 - H319; Skin Sens. 1 - H317 |
| Environment                   | Aquatic Chronic 3 - H412                                       |

Classification (1999/45/EEC)

Xi; R36/38. R43. R52/53.

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

#### 2.2. Label elements

Contains BISPHENOL A/F EPOXY RESIN MODIFIED

Label In Accordance With (EC) No. 1272/2008



Signal Word

Warning

Hazard Statements

|      |  |
|------|--|
| H315 | Causes skin irritation.                            |
| H317 | May cause an allergic skin reaction.               |
| H319 | Causes serious eye irritation.                     |
| H412 | Harmful to aquatic life with long lasting effects. |

Precautionary Statements

|              |  |
|--------------|--|
| P280         | Wear protective gloves/protective clothing/eye protection/face protection.   |
| P305+351+338 | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. |
| P313         | Get medical advice/attention.  |
| P501         | Dispose of contents/container in accordance with local regulations.  |

Supplementary Precautionary Statements

|      |  |
|------|--|
| P272 | Contaminated work clothing should not be allowed out of the workplace. |
| P273 | Avoid release to the environment.                                      |

## Resi-Bed Pack C

|          |  |
|----------|--|
| P261     | Avoid breathing vapour/spray.                                    |
| P264     | Wash contaminated skin thoroughly after handling.                |
| P321     | Specific treatment (see medical advice on this label).           |
| P302+352 | IF ON SKIN: Wash with plenty of soap and water.                  |
| P332+313 | If skin irritation occurs: Get medical advice/attention.         |
| P333+313 | If skin irritation or rash occurs: Get medical advice/attention. |
| P337     | If eye irritation persists:                                      |
| P362     | Take off contaminated clothing and wash before reuse.            |
| P363     | Wash contaminated clothing before reuse.                         |

### 2.3. Other hazards

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.2. Mixtures

|                                    |                             |        |
|------------------------------------|-----------------------------|--------|
| BISPHENOL A/F EPOXY RESIN MODIFIED |                             | 10-30% |
| CAS-No.:                           | EC No.:                     |        |
| Classification (EC 1272/2008)      | Classification (67/548/EEC) |        |
| Skin Irrit. 2 - H315               | Xi;R36/38.                  |        |
| Eye Irrit. 2 - H319                | N;R51/53.                   |        |
| Skin Sens. 1 - H317                | R43.                        |        |
| Aquatic Chronic 2 - H411           |                             |        |

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

## SECTION 4: FIRST AID MEASURES

### 4.1. Description of 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.

### 4.2. Most important symptoms and effects, both acute and delayed

#### Inhalation.

Coughing, chest tightness, feeling of chest pressure.

#### Ingestion

Burning sensation in mouth.

#### Skin contact

Prolonged contact may cause redness, irritation and dry skin.

#### Eye contact

Prolonged contact may cause redness and/or tearing.

### 4.3. Indication of any immediate medical attention and special treatment needed

No specific first aid measures noted.

## SECTION 5: FIREFIGHTING MEASURES

### 5.1. Extinguishing media

#### Extinguishing media

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

### 5.2. Special hazards arising from the substance or mixture

#### Unusual Fire & Explosion Hazards

In combustion emits toxic fumes

## Resi-Bed Pack C

### 5.3. Advice for firefighters

Protective equipment for fire-fighters

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

## SECTION 6: ACCIDENTAL RELEASE MEASURES

### 6.1. Personal precautions, protective equipment and emergency procedures

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

### 6.2. Environmental precautions

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

### 6.3. Methods and material for containment and cleaning up

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

### 6.4. Reference to other sections

For personal protection, see section 8. See section 11 for additional information on health hazards. For waste disposal, see section 13.

## SECTION 7: HANDLING AND STORAGE

### 7.1. Precautions for safe handling

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

### 7.2. Conditions for safe storage, including any incompatibilities

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

### 7.3. Specific end use(s)

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1. Control parameters

### 8.2. Exposure controls

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

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1. Information on basic physical and chemical properties

|                  |                          |
|------------------|--------------------------|
| Appearance       | Paste                    |
| Colour           | White / off-white.       |
| Odour            | Barely perceptible odour |
| Solubility       | Insoluble in water       |
| Relative density | 2.2 - 2.5                |
| Evaporation rate | Negligible               |
| Viscosity        | Semi dry mortar          |
| Flash point      | >93                      |

### 9.2. Other information

Not known.

## SECTION 10: STABILITY AND REACTIVITY

## Resi-Bed Pack C

### 10.1. Reactivity

No specific reactivity hazards associated with this product.

### 10.2. Chemical stability

Stable under normal temperature conditions.

### 10.3. Possibility of hazardous reactions

Not known.

### 10.4. Conditions to avoid

Avoid heat.

### 10.5. Incompatible materials

Materials To Avoid

Strong oxidising substances. Strong acids.

### 10.6. Hazardous decomposition products

In combustion emits toxic fumes

## SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1. Information on toxicological effects

Ingestion

Ingestion may cause severe irritation of the mouth, the oesophagus and the gastrointestinal tract.

Skin contact

Prolonged contact may cause redness, irritation and dry skin.

Eye contact

Irritating and may cause redness and pain.

Route of entry

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

Medical Symptoms

May cause sensitisation by skin contact.

## SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity

No data on possible environmental effects have been found.

### 12.1. Toxicity

Acute Fish Toxicity

Very toxic to aquatic organisms.

### 12.2. Persistence and degradability

Degradability

No data available.

### 12.3. Bioaccumulative potential

Bioaccumulative potential

No data available on bioaccumulation.

### 12.4. Mobility in soil

Mobility:

Heavier than water

### 12.5. Results of PBT and vPvB assessment

This product does not contain any PBT or vPvB substances.

## Resi-Bed Pack C

12.6. Other adverse effects

Toxic to aquatic organisms. Toxic to soil organisms.

## SECTION 13: DISPOSAL CONSIDERATIONS

## General information

Waste is classified as hazardous waste. Disposal to licensed waste disposal site in accordance with the local Waste Disposal Authority.

13.1. Waste treatment methods

Transfer to a suitable container and arrange for collection by specialised disposal company.

## SECTION 14: TRANSPORT INFORMATION

14.1. UN number

UN No. (ADR/RID/ADN) 3082

UN No. (IMDG) 3082

14.2. UN proper shipping name

Proper Shipping Name ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (BISPHENOL A/F EPOXY RESIN MODIFIED)

14.3. Transport hazard class(es)

ADR/RID/ADN Class M7

ADR/RID/ADN Class Class 9: Miscellaneous dangerous substances and articles.

## Transport Labels

14.4. Packing group

ADR/RID/ADN Packing group III

IMDG Packing group III

14.5. Environmental hazards

Environmentally Hazardous Substance/Marine Pollutant

14.6. Special precautions for user

EMS F-A, S-F

Hazard No. (ADR) 90 Environmentally hazardous substance; miscellaneous dangerous substances.

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

## SECTION 15: REGULATORY INFORMATION

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

## Uk Regulatory References

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

## Resi-Bed Pack C

### Environmental Listing

Control of Pollution Act 1974.

Approved Code Of Practice

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

EU Legislation

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.

National Regulations

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

### 15.2. Chemical Safety Assessment

No chemical safety assessment has been carried out.

## SECTION 16: OTHER INFORMATION

### General information

If further information on training is required contact Instarmac Group plc

Revision Date 13/01/2011

Revision 2

### Risk Phrases In Full

R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

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.

### Hazard Statements In Full

H319 Causes serious eye irritation.

H315 Causes skin irritation.

H412 Harmful to aquatic life with long lasting effects.

H317 May cause an allergic skin reaction.

H411 Toxic to aquatic life with long lasting effects.

### 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

Revision Date 13/01/2011

Revision 2

# INSTARMAC

## SAFETY DATA SHEET Resi-Bed Pack D

### SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

#### 1.1. Product identifier

Product name Resi-Bed Pack D

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

#### 1.3. Details of the supplier of the safety data sheet

Supplier Instarmac Group plc  
 Danny Morson Way  
 Birch Coppice Business Park  
 Dordon, Tamworth  
 Staffordshire. B78 1SE  
 United Kingdom  
 Tel: +44 (0) 1827 872244  
 Fax: +44 (0) 1827 874466  
 email@instarmac.co.uk www.instarmac.co.uk

#### 1.4. Emergency telephone number

+44 (0)7971 217 347

### SECTION 2: HAZARDS IDENTIFICATION

#### 2.1. Classification of the substance or mixture

Classification (EC 1272/2008)

|                               |  |
|-------------------------------|--|
| Physical and Chemical Hazards | Not classified.  |
| Human health                  | Skin Irrit. 2 - H315; Eye Irrit. 2 - H319; Skin Sens. 1 - H317 |
| Environment                   | Not classified.  |

Classification (1999/45/EEC)

Xi; R36/38. R43.

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

Human health

The product is irritating to eyes and skin.

#### 2.2. Label elements

Contains CYCLOALIPHATIC AMINE

Label In Accordance With (EC) No. 1272/2008



Signal Word

Warning

Hazard Statements

|      |                                      |
|------|--------------------------------------|
| H315 | Causes skin irritation.              |
| H317 | May cause an allergic skin reaction. |
| H319 | Causes serious eye irritation.       |

Precautionary Statements

|              |  |
|--------------|--|
| P280         | Wear protective gloves/protective clothing/eye protection/face protection.   |
| P305+351+338 | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. |
| P313         | Get medical advice/attention.  |
| P501         | Dispose of contents/container in accordance with local regulations.  |

Supplementary Precautionary Statements

|      |  |
|------|--|
| P272 | Contaminated work clothing should not be allowed out of the workplace. |
|------|--|

## Resi-Bed Pack D

|          |  |
|----------|--|
| P261     | Avoid breathing vapour/spray.                                    |
| P264     | Wash contaminated skin thoroughly after handling.                |
| P321     | Specific treatment (see medical advice on this label).           |
| P302+352 | IF ON SKIN: Wash with plenty of soap and water.                  |
| P332+313 | If skin irritation occurs: Get medical advice/attention.         |
| P333+313 | If skin irritation or rash occurs: Get medical advice/attention. |
| P337     | If eye irritation persists:                                      |
| P362     | Take off contaminated clothing and wash before reuse.            |
| P363     | Wash contaminated clothing before reuse.                         |

### 2.3. Other hazards

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.2. Mixtures

|                               |                             |       |
|-------------------------------|-----------------------------|-------|
| CYCLOALIPHATIC AMINE          |                             | 1-10% |
| CAS-No.:                      | EC No.:                     |       |
| Classification (EC 1272/2008) | Classification (67/548/EEC) |       |
| Acute Tox. 4 - H302           | Xn;R20/21/22.               |       |
| Acute Tox. 4 - H312           | C;R34.                      |       |
| Acute Tox. 4 - H332           | R43,R52/53.                 |       |
| Skin Corr. 1B - H314          |                             |       |
| Skin Sens. 1 - H317           |                             |       |
| Aquatic Chronic 3 - H412      |                             |       |

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

## SECTION 4: FIRST AID MEASURES

### 4.1. Description of 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.

### 4.2. Most important symptoms and effects, both acute and delayed

#### Inhalation.

Coughing, chest tightness, feeling of chest pressure.

#### Ingestion

May cause discomfort if swallowed.

#### Skin contact

Prolonged contact may cause redness, irritation and dry skin.

#### Eye contact

Irritating and may cause redness and pain.

### 4.3. Indication of any immediate medical attention and special treatment needed

## SECTION 5: FIREFIGHTING MEASURES

### 5.1. Extinguishing media

#### Extinguishing media

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

### 5.2. Special hazards arising from the substance or mixture

## Resi-Bed Pack D

Unusual Fire & Explosion Hazards

May form explosive or toxic mixtures with air.

### 5.3. Advice for firefighters

Protective equipment for fire-fighters

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

## SECTION 6: ACCIDENTAL RELEASE MEASURES

### 6.1. Personal precautions, protective equipment and emergency procedures

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

### 6.2. Environmental precautions

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

### 6.3. Methods and material for containment and cleaning up

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

### 6.4. Reference to other sections

For personal protection, see section 8.

## SECTION 7: HANDLING AND STORAGE

### 7.1. Precautions for safe handling

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

### 7.2. Conditions for safe storage, including any incompatibilities

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

### 7.3. Specific end use(s)

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1. Control parameters

### 8.2. Exposure controls

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

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1. Information on basic physical and chemical properties

|                  |                    |
|------------------|--------------------|
| Appearance       | Paste              |
| Colour           | Black.             |
| Odour            | Irritating.        |
| Solubility       | Insoluble in water |
| Relative density | 2.25 - 2.50        |
| Viscosity        | Non-viscous        |
| Flash point      | >93                |

### 9.2. Other information

Not available.

## Resi-Bed Pack D

**SECTION 10: STABILITY AND REACTIVITY**10.1. Reactivity

No specific reactivity hazards associated with this product.

10.2. Chemical stability

Stable under normal temperature conditions.

10.3. Possibility of hazardous reactions10.4. Conditions to avoid

Avoid heat.

10.5. Incompatible materials

Materials To Avoid

Strong acids. Strong oxidising substances.

10.6. Hazardous decomposition products

In combustion emits toxic fumes

**SECTION 11: TOXICOLOGICAL INFORMATION**11.1. Information on toxicological effects

Skin contact

Irritating to skin.

Eye contact

Irritating and may cause redness and pain.

Health Warnings

May cause sensitisation by skin contact.

Route of entry

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

**SECTION 12: ECOLOGICAL INFORMATION**

Ecotoxicity

No data on possible environmental effects have been found.

12.1. Toxicity

Acute Fish Toxicity

Toxic to aquatic organisms.

12.2. Persistence and degradability

Degradability

No data available.

12.3. Bioaccumulative potential

Bioaccumulative potential

No data available on bioaccumulation.

12.4. Mobility in soil

Mobility:

Readily absorbed into soil

12.5. Results of PBT and vPvB assessment

This product does not contain any PBT or vPvB substances.

12.6. Other adverse effects

## Resi-Bed Pack D

Not applicable.

### SECTION 13: DISPOSAL CONSIDERATIONS

#### General information

Waste is classified as hazardous waste. Disposal to licensed waste disposal site in accordance with the local Waste Disposal Authority.

#### 13.1. Waste treatment methods

Transfer to a suitable container and arrange for collection by specialised disposal company.

### SECTION 14: TRANSPORT INFORMATION

#### 14.1. UN number

UN No. (ADR/RID/ADN) 2735

#### 14.2. UN proper shipping name

Proper Shipping Name AMINES, LIQUID, CORROSIVE, N.O.S. (CYCLOALIPHATIC AMINE)

#### 14.3. Transport hazard class(es)

ADR/RID/ADN Class 8

ADR/RID/ADN Class Class 8: Corrosive substances.

IMDG Class 8

Transport Labels



#### 14.4. Packing group

ADR/RID/ADN Packing group III

IMDG Packing group III

#### 14.5. Environmental hazards

Environmentally Hazardous Substance/Marine Pollutant

No.

#### 14.6. Special precautions for user

Not applicable.

EMS 8-05

Hazard No. (ADR) 80 Corrosive or slightly corrosive substance.

#### 14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

### SECTION 15: REGULATORY INFORMATION

#### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

##### 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.

Approved Code Of Practice

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

## Resi-Bed Pack D

### EU Legislation

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.

### National Regulations

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

### 15.2. Chemical Safety Assessment

#### SECTION 16: OTHER INFORMATION

##### General information

If further information on training is required contact Instarmac Group plc

Revision Date 13/01/2011

Revision 2

##### Risk Phrases In Full

R34 Causes burns.  
 R20/21/22 Harmful by inhalation, in contact with skin and if swallowed.  
 R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.  
 R36/38 Irritating to eyes and skin.  
 R43 May cause sensitisation by skin contact.

##### Hazard Statements In Full

H319 Causes serious eye irritation.  
 H314 Causes severe skin burns and eye damage.  
 H315 Causes skin irritation.  
 H332 Harmful if inhaled.  
 H302 Harmful if swallowed.  
 H312 Harmful in contact with skin.  
 H412 Harmful to aquatic life with long lasting effects.  
 H317 May cause an allergic skin reaction.

#### 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.

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