



# SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

Page 1/5

## RIW 19: RIW Multijoint Adhesive Part B

Revision 1

Revision date 2015-05-21

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

**Product name** RIW 19: RIW Multijoint Adhesive Part B

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

|  |  |
|--|--|
| <b>Company</b>                               | RIW Limited  |
| <b>Address</b>                               | Arc House<br>Terrace Road South<br>Binfield, Bracknell<br>Berkshire RG42 4PZ |
| <b>Web</b>                                   | www.riw.co.uk  |
| <b>Telephone</b>                             | 01344 397788   |
| <b>Fax</b>                                   | 01344 862010   |
| <b>Email</b>                                 | enquiries@riw.co.uk  |
| <b>Email address of the competent person</b> | enquiries@riw.co.uk  |

#### 1.4. Emergency telephone number

|                                   |  |
|-----------------------------------|--|
| <b>Emergency telephone number</b> | 01344 397788                               |
| <b>Company</b>                    | RIW Limited<br>0800 - 1700 Monday - Friday |

### SECTION 2: Hazards identification

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

|   |  |
|---|--|
| <b>2.1.1. Classification - 1999/45/EC</b>   | C; R34 Xi; R43 R52/53<br>Symbols: C: Corrosive.  |
| <b>Main hazards</b>                         | Causes burns. May cause sensitisation by skin contact. Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment. |
| <b>2.1.2. Classification - EC 1272/2008</b> | Skin Corr. 1B: H314; Skin Sens. 1: H317; Aquatic Chronic 3: H412;  |

#### 2.2. Label elements

|  |  |
|--|--|
| <b>Hazard pictograms</b>                   |  |
| <b>Signal Word</b>                         | Danger   |
| <b>Hazard Statement</b>                    | Skin Corr. 1B: H314 - Causes severe skin burns and eye damage.<br>Skin Sens. 1: H317 - May cause an allergic skin reaction.<br>Aquatic Chronic 3: H412 - Harmful to aquatic life with long lasting effects.                                    |
| <b>Precautionary Statement: Prevention</b> | P260 - Do not breathe dust/fume/gas/mist/vapours/spray.<br>P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.<br>P264 - Wash thoroughly after handling.<br>P272 - Contaminated work clothing should not be allowed out of the workplace. |

## RIW 19: RIW Multijoint Adhesive Part B

Revision 1

Revision date 2015-05-21

## 2.2. Label elements

|  |   |
|--|---|
| <b>Precautionary Statement:<br/>Response</b> | P273 - Avoid release to the environment.<br>P280 - Wear protective gloves/protective clothing/eye protection/face protection.   |
|  | P301+P330+P331 - IF SWALLOWED: rinse mouth. Do NOT induce vomiting.<br>P302+P352 - IF ON SKIN: Wash with plenty of water/ .<br>P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.<br>P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.<br>P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.<br>P310 -Immediately call a POISON CENTER/doctor/ .<br>P321 - Specific treatment (see on this label).<br>P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.<br>P363 - Wash contaminated clothing before reuse. |
|  | P405 - Store locked up.   |
|  | P501 - Dispose of contents/container to licensed waste disposal site  |
| <b>Precautionary Statement:<br/>Storage</b>  |   |
| <b>Precautionary Statement:<br/>Disposal</b> |   |

## SECTION 3: Composition/information on ingredients

## 3.2. Mixtures

## 67/548/EEC / 1999/45/EC

| Chemical Name                          | Index No.    | CAS No.  | EC No.    | REACH Registration Number | Conc. (%w/w) | Classification                  | M-factor. |
|--|--------------|----------|-----------|---------------------------|--------------|---------------------------------|-----------|
| Tetraethylenepentamine                 | 612-060-00-0 | 112-57-2 | 203-986-2 |                           | 1 - 10%      | Xn; R21/22 C; R34 R43 N; R51/53 |           |
| 2,4,6-Tris(dimethylaminomethyl)phe nol | 603-069-00-0 | 90-72-2  | 202-013-9 |                           | 1 - 10%      | Xn; R22 Xi; R36/38              |           |

## EC 1272/2008

| Chemical Name                          | Index No.    | CAS No.  | EC No.    | REACH Registration Number | Conc. (%w/w) | Classification  | M-factor. |
|--|--------------|----------|-----------|---------------------------|--------------|---|-----------|
| Tetraethylenepentamine                 | 612-060-00-0 | 112-57-2 | 203-986-2 |                           | 1 - 10%      | Acute Tox. 4: H312; Acute Tox. 4: H302; Skin Corr. 1B: H314; Skin Sens. 1: H317; Aquatic Chronic 2: H411; |           |
| 2,4,6-Tris(dimethylaminomethyl)phe nol | 603-069-00-0 | 90-72-2  | 202-013-9 |                           | 1 - 10%      | Acute Tox. 4: H302; Eye Irrit. 2: H319; Skin Irrit. 2: H315;  |           |

## SECTION 4: First aid measures

## 4.1. Description of first aid measures

|                     |   |
|---------------------|---|
| <b>Inhalation</b>   | Inhalation of vapour may cause shortness of breath. Move the exposed person to fresh air. Seek medical attention.   |
| <b>Eye contact</b>  | Causes burns. Causes severe inflammation and may damage the cornea. Seek medical attention.   |
| <b>Skin contact</b> | Causes burns. Wash off immediately with plenty of soap and water. Remove contaminated clothing. Seek medical attention if irritation or symptoms persist. |
| <b>Ingestion</b>    | Ingestion causes burns to the respiratory tract. DO NOT INDUCE VOMITING. If swallowed, seek medical advice immediately and show this container or label.  |

## SECTION 5: Firefighting measures

## 5.1. Extinguishing media

|  |   |
|--|---|
|  | Use as appropriate: Carbon dioxide (CO2), Dry chemical, Foam. |
|--|---|

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

|  |  |
|--|--|
|  | Corrosive. Burning produces irritating, toxic and obnoxious fumes. |
|--|--|

## 5.3. Advice for firefighters

|  |   |
|--|---|
|  | Wear suitable respiratory equipment when necessary. |
|--|---|

## SECTION 6: Accidental release measures

# RIW 19: RIW Multijoint Adhesive Part B

Revision 1  
Revision date 2015-05-21

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

|  |   |
|--|---|
|  | Ensure adequate ventilation of the working area. Evacuate personnel to a safe area. Wear suitable protective equipment. |
|--|---|

## 6.2. Environmental precautions

|  |   |
|--|---|
|  | Do not allow product to enter drains. Prevent further spillage if safe. |
|--|---|

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

|  |   |
|--|---|
|  | Absorb with inert, absorbent material. Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water. |
|--|---|

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling


|  |  |
|--|--|
|  | Avoid contact with eyes and skin. Ensure adequate ventilation of the working area. |
|--|--|

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

|  |  |
|--|--|
|  | Keep in a cool, dry, well ventilated area. Keep containers tightly closed. |
|--|--|

## SECTION 8: Exposure controls/personal protection

### 8.2. Exposure controls

|   |   |
|---|---|
|   |  |
| 8.2.1. Appropriate engineering controls | Ensure adequate ventilation of the working area.                                    |
| 8.2.2. Individual protection measures   | Wear chemical protective clothing.  |
| Eye / face protection                   | Approved safety goggles.  |
| Skin protection - Handprotection        | Chemical resistant gloves (PVC).  |
| Respiratory protection                  | Wear: Self-contained breathing apparatus.   |

## SECTION 9: Physical and chemical properties

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

|                       |                                     |
|-----------------------|-------------------------------------|
| Appearance            | Liquid                              |
| Colour                | Amber                               |
| Odour                 | Ammoniacal                          |
| Initial boiling point | > 100 °C                            |
| Flash point           | > 100 °C                            |
| Relative density      | 1.17 (H <sub>2</sub> O = 1 @ 20 °C) |
| Solubility            | Slightly soluble in water           |

## SECTION 10: Stability and reactivity

### 10.2. Chemical stability

|  |                                 |
|--|---------------------------------|
|  | Stable under normal conditions. |
|--|---------------------------------|

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

|                           |               |
|---------------------------|---------------|
| Skin corrosion/irritation | Causes burns. |
|---------------------------|---------------|

### 11.1.4. Toxicological Information

|  |                   |
|--|-------------------|
|  | No data available |
|--|-------------------|

## SECTION 12: Ecological information

## RIW 19: RIW Multijoint Adhesive Part B

Revision 1  
Revision date 2015-05-21

## 12.1. Toxicity

|  |                   |
|--|-------------------|
|  | No data available |
|--|-------------------|

**SECTION 13: Disposal considerations**

## General information

|  |   |
|--|---|
|  | Dispose of in compliance with all local and national regulations. |
|--|---|

## Disposal methods

|  |  |
|--|--|
|  | Contact a licensed waste disposal company. |
|--|--|

## Disposal of packaging

|  |  |
|--|--|
|  | After final product withdrawal, all residues must be removed from containers (drip-free, powder-free or paste-free). |
|--|--|

**SECTION 14: Transport information**

## Hazard pictograms

|  |   |
|--|---|
|  |  |
|--|---|

## 14.1. UN number

|  |        |
|--|--------|
|  | UN2735 |
|--|--------|

## 14.2. UN proper shipping name

|  |                                       |
|--|---------------------------------------|
|  | POLYAMINES, LIQUID, CORROSIVE, N.O.S. |
|--|---------------------------------------|

## 14.3. Transport hazard class(es)

|                 |   |
|-----------------|---|
| ADR/RID         | 8 |
| Subsidiary risk | - |
| IMDG            | 8 |
| Subsidiary risk | - |
| IATA            | 8 |
| Subsidiary risk | - |

## 14.4. Packing group

|               |     |
|---------------|-----|
| Packing group | III |
|---------------|-----|

## 14.5. Environmental hazards

|                       |    |
|-----------------------|----|
| Environmental hazards | No |
| Marine pollutant      | No |

## ADR/RID

|                 |     |
|-----------------|-----|
| Hazard ID       | 80  |
| Tunnel Category | (E) |

## IMDG

|          |         |
|----------|---------|
| EmS Code | F-A S-B |
|----------|---------|

## IATA

|                                 |      |
|---------------------------------|------|
| Packing Instruction (Cargo)     | 856  |
| Maximum quantity                | 60 L |
| Packing Instruction (Passenger) | 852  |
| Maximum quantity                | 5 L  |

**SECTION 15: Regulatory information**

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

## RIW 19: RIW Multijoint Adhesive Part B

Revision 1

Revision date 2015-05-21

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

|                    |  |
|--------------------|--|
| <b>Regulations</b> | COMMISSION REGULATION (EU) No 453/2010 of 20 May 2010 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on 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. 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. |
|--------------------|--|

## SECTION 16: Other information

## Other information

|   |  |
|---|--|
| <b>Revision</b>                               | This document differs from the previous version in the following areas:.<br>2 - 2.1. Classification of the substance or mixture.<br>2 - 2.1.2. Classification - EC 1272/2008.<br>2 - Hazard pictograms.<br>2 - Signal Word.<br>2 - Precautionary Statement: Prevention.<br>2 - Precautionary Statement: Response.<br>2 - Precautionary Statement: Storage.<br>2 - Precautionary Statement: Disposal.<br>12 - 12.1. Toxicity.<br>15 - Risk phrases. |
| <b>Text of risk phrases in Section 3</b>      | R21/22 - Harmful in contact with skin and if swallowed.<br>R22 - Harmful if swallowed.<br>R34 - Causes burns.<br>R36/38 - Irritating to eyes and skin.<br>R43 - May cause sensitisation by skin contact.<br>R51/53 - Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.   |
| <b>Text of Hazard Statements in Section 3</b> | Acute Tox. 4: H302 - Harmful if swallowed.<br>Acute Tox. 4: H312 - Harmful in contact with skin.<br>Skin Corr. 1B: H314 - Causes severe skin burns and eye damage.<br>Skin Sens. 1: H317 - May cause an allergic skin reaction.<br>Aquatic Chronic 2: H411 - Toxic to aquatic life with long lasting effects.<br>Skin Irrit. 2: H315 - Causes skin irritation.<br>Eye Irrit. 2: H319 - Causes serious eye irritation.                              |

## Further information

|  |  |
|--|--|
|  | The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. 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 other process. |
|--|--|