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| **Company Name:**  Site: | |  | **COSHH**  **Assessment** | |
|  |  |  |  |  |
| Supplier: | Hilti | | COSHH Number | 26 |
|  |  | | | page 1 |
| Assessment By: | Activity: Adhesive mortar for rebar and anchor fastenings in concrete | | Review Date | Assessment Date |
|  |  | |  |  |
|  | Persons/Groups at Risk | |  |  |
|  | Site operatives | |  |  |

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| **NAME OF HAZARDOUS SUBSTANCE USED OR CREATED** |
| **Substance**: Hilti HIT RE-500 |

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| **FLAMMABLE** | |  | **TOXIC** | |  | **IRRITANT** | |  | **OXIDISING** | |  | **HARMFUL** | |  | **CORROSIVE** | |
| **YES** | **NO** |  | **YES** | **NO** |  | **YES** | **NO** |  | **YES** | **NO** |  | **YES** | **NO** |  | **YES** | NO |
|  |  |  |  |  |  | ✓ |  |  |  |  |  |  |  |  | **✓** |  |
| |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | Insert ✓ in appropriate boxes | | | | | | | | | | | | | | | | | | |  | |  |  | |  |  | |  |  | |  |  | |  |  | | | | **COMPRESSED GAS** | |  | **TOXIC** | |  | **HARMFUL TO THE EINVIRONMENT** | |  |  | |  |  | |  |  | | | | **YES** | **NO** |  | **YES** | **NO** |  | **YES** | **NO** |  | **YES** | **NO** |  | **YES** | **NO** |  | **YES** | NO | | |  |  |  |  |  |  | ✓ |  |  |  |  |  |  |  |  |  |  | | | Insert ✓ in appropriate boxes | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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| Please add comments into boxes where required. | | Insert ✓ in appropriate boxes and add comment below | | **YES** | **NO** | |
| Is Manufacturers Safety Data Sheet available? | | |  | ✓ |  | |
| Does the Substance have a Workplace Exposure Limit (WEL)? | | |  | ✓ |  | |
| If the substance has a WEL please state. if un-sure check HSE document – EH40 | | | m-Xylenediamine (30-40%) 0.1 mg/m3 | ✓ |  | |
| Can a safer substance be used or can the substance be enclosed or extracted. | | |  |  | ✓ | |
| Will employees be given information and training? | | |  | ✓ |  | |
| Will Personal Protective Equipment be provided for employees? | | |  | | | |
| State the standard of RPE (respirators) | | | |  | | --- | | Not required if used in well ventilated areas | |  | ✓ | |
| State the standard of Goggles or Spectacles | | | Safety goggles or face shield to BSEN166-3 | ✓ |  | |
| State the standard of Gloves | | | Nitrile gloves to be worn | ✓ |  | |
| State the standard of Overalls | | | Impermeable coveralls to be worn | ✓ |  | |
| State the standard of Boots | | |  |  | ✓ | |
| Other Equipment | | | Attach details if YES |  | ✓ | |
| Will Exposure Monitoring and/or Control Measures be required? | | | Attach details if YES |  | ✓ | |
| Will Health Surveillance be necessary? | | | Attach details if YES |  | ✓ | |
| Does this Substance need to be disposed of by a Waste Disposal Contractor? | | | | ✓ |  | |
| Have all necessary First-aid and welfare requirements been provided? | | |  | ✓ |  | |
| Have Storage requirements for the substance been provided / arranged on site? | | |  | ✓ |  | |
| **FIRST AID, FIRE FIGHTING, STORAGE & HANDLING, DISPOSAL AND ACCIDENTAL RELEASE INSTRUCTIONS ARE PROVIDED ON PAGES 2 & 3** | | | **Number of Sheets attached to this Assessment** | | |  |
| FIRST AID INSTRUCTIONS | | | | | | |
| **Route of Exposure, or**  **Type of Injury** | **First Aid Treatment** | | | | | |
| Skin Contact | Promptly flush contaminated skin with water. Promptly remove clothing if soaked through and flush the skin with water. Get medical attention if irritation persists after washing. | | | | | |
| Eye Contact | Rinse the eye with water immediately. Continue to rinse for at least 15 minutes and get medical attention. | | | | | |
| Inhalation | Remove victim immediately from source of exposure. Move the exposed person to fresh air at once. Get medical attention if any discomfort continues. | | | | | |
| Ingestion | DO NOT induce vomiting. Get medical attention immediately. | | | | | |
| General Information | DO NOT SMOKE IN WORK AREA! Wash hands at the end of each work shift and before eating, smoking and using the toilet. Wash promptly if skin becomes wet or contaminated. Promptly remove any clothing that becomes contaminated. When using do not eat, drink or smoke. | | | | | |

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| **FIRE FIGHTING MEASURES** | |
| **Hazard** | **Measures** |
| Fire | Extinguishing media: Alcohol or polymer foam. Carbon dioxide. Dry chemical powder. Use water spray to cool containers. |
| Stability | Stable under recommended storage and handling conditions. |
| Decomposition Products | In combustion emits toxic fumes. Nitrogen Oxides and Carbon Monoxide. |

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| **MANUFACTURERS INFORMATION** | |
| **Manufacturers Name and Address** | Hilti (GB) Ltd  1 Trafford Wharf Rd.  Trafford Park  M17 1BY |
| **Manufacturers Health & Safety Data Sheet Reference** | N/A |
| **24 Hour Emergency Telephone Number** | 0800 886 100 |
| **Regulatory Information: Warning Label Phrases** | H315 Causes skin irritation.  H319 Causes serious eye irritation  H314 Causes severe skin burns and eye damage  H411 Toxic to aquatic life with long lasting effects  H317 May cause an allergic skin reaction  H412 Harmful to aquatic life with long lasting effects  P280 Wear protective gloves/protective clothing/eye protection/face protection.  P260 Do not breathe vapours  P303+P361+P353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.  P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  P333+P313 If skin irritation or rash occurs: Get medical advice/attention.  P337+P313 If eye irritation persists: Get medical advice/attention |

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| **STORAGE AND HANDLING** | |
| **Hazard** | **Measures** |
| Handling | Avoid direct contact with the substance. Ensure there is sufficient ventilation  of the area. Do not handle in a confined space. Avoid the formation or spread of mists in the air. |
| Storage | Store in cool, well ventilated area. Keep container tightly closed. Keep away from sources of ignition. Prevent the build up of electrostatic charge in the immediate area. Ensure lighting and electrical equipment are not a source of ignition. |

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| DISPOSAL MEASURES | |
| **Hazard** | Measures |
| Pollution of water courses or drains | Do not allow to reach drains or water courses. Do not allow to enter ground/soil |

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| ACCIDENTAL RELEASE MEASURES | |
| **Hazard** | Measures |
| Spillage | Collect mechanically. Clean the accident area carefully; suitable cleaners are organic solvent. |

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| USAGE/EXPOSURE | |
| **Frequency and Duration of use** | Intermittent use |
| **Maximum number of people involved in activity** | 2 employees |
| **Quantities stored/used** | 500ml tubes |

**Safe System of Work**

1. Ensure nitrile gloves and goggles are worn when handling.

**Operatives Acknowledgement**

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| **Name:** | **Signature:** | **Date:** | **Name:** | **Signature:** | **Date:** |
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