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| **Company Name:**  Site: | |  | COSHH  Assessment | |
|  |  |  |  |  |
| Supplier: | TARMAC | | COSHH Number | 01 |
|  |  | | | page 1 |
| Assessment By: | Activity: | | Review Date | Assessment Date |
|  | Mixing concrete/mortars/grout | |  |  |
|  | Persons/Groups at Risk | |  |  |
|  | Site operatives (bricklayers/labourers) | |  |  |

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| **NAME OF HAZARDOUS SUBSTANCE USED OR CREATED** |
| **Substance: Portland Cement** |

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| Flammable | |  | Oxidising | |  |  | |  | http://www.hse.gov.uk/chemical-classification/images/pictogram-gallery/irritant.gif | |  | Health hazard | |  | Corrosive | | |
| **FLAMMABLE** | |  | **OXIDISING** | |  | **EXPLOSIVE** | |  | **IRRITANT** | |  | **HARMFUL** | |  | **CORROSIVE** | | |
| **YES** | **NO** |  | **YES** | **NO** |  | **YES** | **NO** |  | **YES** | **NO** |  | **YES** | **NO** |  | **YES** | NO | |
|  |  |  |  |  |  |  |  |  | **✓** |  |  |  |  |  | **✓** |  | |
| Insert ✓ in appropriate boxes | | | | | | | | | | | | | | | | | |
|  | |  | Toxic | |  |  | |  |  | |  |  | |  |  | | |
| **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 | | **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 | | | Total inhalable dust PER 8 HOUR 10mg/m3  Desirable dust 4mg/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) | | | FFP2 | ✓ |  | |
| State the standard of Goggles or Spectacles | | | BS EN166 safety glasses | ✓ |  | |
| State the standard of Gloves | | | Nitrile/PVC without knitted backs or knitwrists | ✓ |  | |
| State the standard of Overalls | | |  |  | ✓ | |
| State the standard of Boots | | | BS EN345 | ✓ |  | |
| 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 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 | For dry cement remove and rinse abundantly with water. For wet cement, wash skin with water. Remove contaminated clothing, footwear, watches etc and clean thoroughly before re-using them. Seek medical treatment in all cases of irritation or burns. | | | | | |
| Eye Contact | Do not rub eyes, as additional cornea damage is possible by mechanical stress. Remove any contact lenses and open the eyelids wide to flush eyes immediately by thoroughly rinsing with plenty of clean water for at least 45 minutes to remove all particles. If possible use isotonic water (0.9% NaCl). Contact a specialist of occupational medicine or an eye specialist | | | | | |
| Inhalation | Move person to fresh air. Dust in throat and nasal passages should clear spontaneously. Contact a physician if irritation persists or later develops or of discomfort, coughing or other symptoms do not subside. | | | | | |
| Ingestion | Do not induce vomiting. If person is conscious, wash out mouth with water and give plenty of water to drink. Get immediate medical attention or contact anti-poison centre. | | | | | |
| General Information |  | | | | | |

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| **FIRE FIGHTING MEASURES** | |
| **Hazard** | **Measures** |
| Fire | Not combustible. No fire-related hazards |
| Stability | Dry cement is stable if stored correctly. |
| Decomposition Products | N/A |

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| **MANUFACTURERS INFORMATION** | |
| **Manufacturers Name and Address** | TARMAC |
| **Manufacturers Health & Safety Data Sheet Reference** | Common Cement |
| **24 Hour Emergency Telephone Number** | 0845 812 6232 |
| **Regulatory Information: Warning Label Phrases** | Irritant  H335/H315  H318  H317  P102  P280  P261+P304+P340+P312  P302+P352+P333+P13  P305+P351+P338+P310  P501 |

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| **STORAGE AND HANDLING** | |
| **Hazard** | **Measures** |
| Handling | Avoid dust development.  For bagged cement use in open-ended mixers: first add the water and then carefully add the cement. Keep the height of the fall low. Start the mixing smoothly. Do not compress empty bags, except when contained in another clean bag. |
| Storage | Do not store near food and beverages or smoking materials.  Bulk cement should be stored in silos that are waterproof, dry (internal condensation minimised), clean and protected from contamination.  Bagged cement should be stored unopened, clear of the ground in cool, dry conditions and protected from excessive draught in order to avoid degradation of quality.  Bages should be stacked in a stable manner. |

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| DISPOSAL MEASURES | |
| **Hazard** | Measures |
| Pollution of water courses or drains | Pick up dry if possible. Wet spillages should be allowed to dry and dispose of as inert waste at a suitably licensed waste disposal facility.  Do not allow to enter water courses or drains. |

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| ACCIDENTAL RELEASE MEASURES | |
| **Hazard** | Measures |
| Spillage | Pick up dry if possible. Wet spillages should be allowed to dry and dispose of as inert waste at a suitably licensed waste disposal facility.  Do not allow to enter water courses or drains. |

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| USAGE/EXPOSURE | |
| **Frequency and Duration of use** |  |
| **Maximum number of people involved in activity** |  |
| **Quantities stored/used** |  |
| **Exposure levels** |  |

**Safe System of Work**

1. All correct PPE to be worn, particularly gloves an eye protection.

2. Minimise creation of dust by following instructions on handling.

3.

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**Operatives Acknowledgement**

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