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| **Company Name:**  Site: | |  | **COSHH**  **Assessment** | |
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| Supplier: | **Bradite Polyurethane Coating (2pack) PC76** | | COSHH Number | 23 |
|  |  | | | page 1 |
| Assessment By: | Activity: | | Review Date | Assessment Date |
| Northern Counties Safety Group. | Application of finished coat. | |  |  |
|  | Persons/Groups at Risk | |  |  |
|  | Site operatives /other contractors. | |  |  |

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| **NAME OF HAZARDOUS SUBSTANCE USED OR CREATED** |
| **Substance: Bradite Polyurethane Acrylic Coating (2pack) PC76** |

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| **FLAMMABLE** | |  | **OXIDISING** | |  | **EXPLOSIVE** | |  | **IRRITANT** | |  | **HARMFUL** | |  | **CORROSIVE** | | |
| **YES** | **NO** |  | **YES** | **NO** |  | **YES** | **NO** |  | **YES** | **NO** |  | **YES** | **NO** |  | **YES** | NO | |
| **✓** |  |  |  |  |  |  |  |  | **✓** |  |  | **✓** |  |  |  |  | |
| Insert ✓ in appropriate boxes | | | | | | | | | | | | | | | | | |
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| **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 | | | 100 **ppm** 441 **mg.m-3** (4)  **Solvent Naphtha**  **1 2, 4-Trimethylbenzene**  25**ppm**125 **mg.m-3** (4)  **Xylene**  50ppm 220 **mg.m-3** (4) | ✓ |  | |
| 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) when brushed or rollered | | | P3 Cartridge organic vapour FFP3 Disposable organic vapour respirator | ✓ |  | |
| State the standard of Goggles or Spectacles | | | BS679 | ✓ |  | |
| State the standard of Gloves | | | Nitrile /Pvc gloves to be worn | ✓ |  | |
| State the standard of Overalls | | |  | ✓ |  | |
| 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 | Remove contaminated clothing. Wash skin thoroughly with soap and warm water or use a proprietary skin cleanser based on polyethylene glycol. Do NOT use solvents or thinners. If a skin reaction occurs seek medical attention | | | | | |
| Eye Contact | Remove contact lenses. Irrigate copiously with clean, fresh water for at least 10 minutes, holding the eyelids apart and seek medical attention | | | | | |
| Inhalation | Remove to fresh air, keep patient warm and at rest. If breathing is irregular or has stopped, administer artificial respiration. Give nothing by mouth. If unconscious place in recovery position and seek medical advice | | | | | |
| Ingestion | If accidentally swallowed obtain immediate medical attention. Keep at rest. Do **NOT** induce vomiting | | | | | |
| General Information |  | | | | | |

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| **FIRE FIGHTING MEASURES** | |
| **Hazard** | **Measures** |
| Fire | Alcohol resistant foam CO2, powder  Fire will produce dense black smoke containing  isocyanates vapours and other hazardous products  , |
| Stability | Stable under normal temperature. |
| Decomposition Products | Mixture including the following substances presenting a health or environmental hazard within the meaning of the CHIP  Regulations or which are assigned occupational Workplace Exposure Limits |

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| **MANUFACTURERS INFORMATION** | |
| **Manufacturers Name and Address** | **Bradite Limited, Ogwen Valley Works, Bethesda, Gwynedd, North Wales, LL57 4YP** |
| **Manufacturers Health & Safety Data Sheet Reference** |  |
| **24 Hour Emergency Telephone Number** | **01248 600315** |
| **Regulatory Information: Warning Label Phrases** | H226: Flammable liquid and vapour.  H304: May be fatal if swallowed and enters airways. H335: May cause respiratory irritation.  H411: Toxic to aquatic life with long lasting effects  P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  P241: Use explosion-proof electrical/ventilating/lighting/.. equipment.  P280: Wear protective gloves/protective clothing/eye protection/face protection.  P301+310: IF SWALLOWED: Immediately call a. P303+361+353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with. P304+340: IF INHALED: Remove person to fresh air and keep comfortable for breathing |

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| **STORAGE AND HANDLING** | |
| **Hazard** | **Measures** |
| Handling | Vapours are heavier than air and will spread along floors. They may form explosive mixtures with air. Use product only in areas where naked flames and other sources of ignition have |
| Storage | Store in dry, cool conditions and protect from frost |

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| DISPOSAL MEASURES | |
| **Hazard** | Measures |
| Pollution of water courses or drains | In accordance with Control of Pollution Act  and Environmental Protection Act |

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| ACCIDENTAL RELEASE MEASURES | |
| **Hazard** | Measures |
| Spillage | **Environmental precautions:** Contain and cover spillages with wet non-combustible absorbent materials, e.g. sand, earth, vermiculite, diatomaceous earth and after 1 hour place in a suitable open container (CO2 evolved) to await disposal in accordance with the waste regulations (see Section 13). The contaminated area should be cleaned up immediately with a suitable decontaminant e.g. 5% sodium carbonate solution.  If the product enters drains or sewers immediately contact the local water company; in the case of contamination of streams, rivers or lakes, the relevant environment agency |

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| USAGE/EXPOSURE | |
| **Frequency and Duration of use** | Daily |
| **Maximum number of people involved in activity** | 30 Employees |
| **Quantities stored/used** | 5 Litres containers. |
| **Exposure levels** |  |

**Safe System of Work**

1. Ensure the specified PPE is worn when handling

2. Respirators to be worn at all times whilst applying the paint.

3. Remove any sheeting where practicable when working from sheeted scaffold, to increase airflow

4 If adequate airflow cannot be maintained atmospheric monitoring required.

5. Provide adequate ventilation at all times.

6. Health surveillance to be carried out on a yearly basis through the use of an occupational professional to monitor for skin sensitisation such as dermatitis as well as cross sensitisation to other epoxies .

7. Keep containers closed at all times whilst not in use, to eliminate vapour release.

8. Persons with a history of asthma, allergies chronic or recurrent respiratory disease should only work with this product under appropriate medical supervision.

**Operatives Acknowledgement**

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