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| **3M WP-2000** | |
| **Activity** | Water-based adhesion promoter |
| **How substance will be used** | Applied to surface |
| **Area of use** | Site (various) |
| **Person supervising work** | Anthony Rose |
| **Accepted and approved by** | Anthony Rose |
| **Signature** |  |
| **Role** | Director |
| **Date** | 20/2/23 |

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| **Hazard Identification**  Please denote the properties of the substances used in the task (mark X as appropriate) | | | | | | | | | | |
| skull_web | **Toxic** | exclam_web | | **Irritant**  **X** | flamm_web | **Flammable X** | | acid_web | | **Corrosive** |
| silhouete_web | **Sensitising**  **X** | explos_web | | **Explosive** | bottle_web | **Compressed Gas** | | Dead%20Fishy_web | | **Environmental Damage** |
| exclam_web | **Harmful** | rondflam_web(1) | | **Oxidizing** |  |  | |  | |  |
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| **Substance(s) used in the task** | | | **Nature of hazard(s) associated with substance** | | | | **Route of**  **entry** | | **WEL** | |
| Water  Chloroprene-methacrylic acid copolymer  Rosin polymer  Tackifying resin  Ethyl alcohol  Heptane | | | Flammable liquid and vapour.  May cause an allergic skin reaction.  May damage fertility or the unborn child. | | | | Eyes  Throat  Nose  Skin | | Maintain minimal exposure at point of use. | |

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| **Persons Exposed** | | | | | | | | | | | | | |
| Employees | Other workers | | | | Public / visitors | | | Young persons | | | | Total persons at risk | |
| **1+** | **0** | | | | **0** | | | **0** | | | | **1+** | |
| **Risk Matrix** | | | | | | | | | | | | | |
| Risk = Likelihood x Severity | | | | | | | | | | | | | |
| Low | | | | Medium | | | | | | High | | | |
|  | | | | | | | | | | | | | |
| **Initial risk rating without controls in place** | | | | | | | | | | | | | |
| **Hazard** | | | **Likelihood** | | | | **Severity** | | | | **Risk level** | | |
| **Skin: irritation** | | | 4 | | | | 4 | | | | 16 | | |
| **Eye contact** | | | 2 | | | | 1 | | | | 2 | | |
| **Ingestion** | | | 3 | | | | 5 | | | | 15 | | |
| **Inhalation** | | | 2 | | | | 3 | | | | 12 | | |
| **Controls** | | | | | | | | | | | | | |
| **Skin: irritation** | | | Wear gloves (nitrile/PVA EN 374)  Wash hands after use. | | | | | | | | | | |
| **Eye contact** | | | No eye protection required.  Wash hands after use. | | | | | | | | | | |
| **Ingestion** | | | Wear gloves (nitrile/PVA EN 374)  Wash hands after use. | | | | | | | | | | |
| **Inhalation** | | | Use general dilution ventilation and/or local exhaust ventilation  Half facepiece or full facepiece air-purifying respirator suitable for organic vapors and particulates. | | | | | | | | | | |
| **Risk rating with controls in place** | | | | | | | | | | | | | |
| **Hazard** | | | **Likelihood** | | | **Severity** | | | **Residual risk** | | | | **Acceptable** |
| **Skin: irritation** | | | 1 | | | 4 | | | 4 | | | | Yes |
| **Eye contact** | | | 1 | | | 1 | | | 1 | | | | Yes |
| **Ingestion** | | | 1 | | | 5 | | | 5 | | | | Yes |
| **Inhalation** | | | 1 | | | 3 | | | 3 | | | | Yes |
| **First aid requirements** | | | | | | | | | | | | | |
| **Exposure via** | | **First aid treatment** | | | | | | | | | | | |
| **Inhalation** | | * Remove person to fresh air. * If you feel unwell, get medical attention. | | | | | | | | | | | |
| **Ingestion** | | * Rinse mouth. * If you feel unwell, get medical attention. | | | | | | | | | | | |
| **Skin contact** | | * Immediately wash with soap and water. * Remove contaminated clothing and wash before reuse. * If signs/symptoms develop, get medical attention. | | | | | | | | | | | |
| **Eye contact** | | * Flush with large amounts of water. * Remove contact lenses if easy to do. Continue rinsing. * If signs/symptoms persist, get medical attention. | | | | | | | | | | | |

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| **Emergency and disposal**  Detail the requirements to deal with accidental release and disposal of the substance. | |
| **Accidental release** | * Evacuate area. Keep away from heat/sparks/open flames/hot surfaces. No smoking. Use only non-sparking tools. * Ventilate the area with fresh air. * Contain spill. Working from around the edges of the spill inward, cover with bentonite, vermiculite, or commercially available inorganic absorbent material. Mix in sufficient absorbent until it appears dry. Remember, adding an absorbent material does not remove a physical, health, or environmental hazard. Collect as much of the spilled material as possible using non-sparking tools. Place in a metal container approved for transportation by appropriate authorities. Seal the container. |
| **Disposal** | * Dispose of contents/ container in accordance with the local/regional/national/international regulations. * Incinerate in a permitted waste incineration facility. Facility must be capable of handling halogenated materials. * As a disposal alternative, utilize an acceptable permitted waste disposal facility. Empty containers used for transporting and handling hazardous chemicals shall be considered, stored, treated & disposed of as hazardous wastes unless otherwise defined by applicable waste regulations. * Consult with the respective regulating authorities to determine the available treatment and disposal facilities. |

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| **Fire fighting** | * In case of fire: Use a firefighting agent suitable for flammable liquids such as dry chemical or carbon dioxide to extinguish. * Closed containers exposed to heat from fire may build pressure and explode. * Water may not effectively extinguish fire; however, it should be used to keep fire-exposed containers and surfaces cool and prevent explosive rupture. * Wear full protective clothing, including helmet, self-contained, positive pressure or pressure demand breathing apparatus, bunker coat and pants, bands around arms, waist and legs, face mask, and protective covering for exposed areas of the head. |