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**COSHH Assessment Form**

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| This assessment ***only addresses the risk of harm to health*** from the substances listed. Additional risk assessments may be required to control the risk from other hazards associated with this work/the procedures used. | | | | | |
| **Assessor M. Oxley** | | **H&S Manager : P. Holroyd** | | | |
| **Assessment Date: 17/6/18** | | **Review Dates: 6/17. 4/19. 4/20** | | | |
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| **HAZARDS IDENTIFIED (see MSDS for full list).**  **http://www.hse.gov.uk/chip/images/env-l.gif** | | | | | |
| **Substance:**  **Tip Top Cement SC4000** | **Hazardous Properties:**  **Ethyl acetate, Cyclohexane, Zinc oxide, Colophony** | | | | **Quantity**  **750grm tins** |
| Eliminating the need to use hazardous substances, consider is it possible to avoid the need to use hazardous substances. | NO | | | | [Image result for SC4000](http://www.google.co.uk/url?sa=i&rct=j&q=&esrc=s&source=images&cd=&cad=rja&uact=8&ved=0ahUKEwjq4o2dkOjVAhXKuhQKHUz5BLYQjRwIBw&url=http://ehazari.com/sc-4000-cement.html&psig=AFQjCNF-N9hRMKdOxmEPi97DThhJjyN6hQ&ust=1503398024234489) |
| **Additional information:**  **Flammable Liquid. Irritant.**  **Colour: Black.**  **Odour: Fruity**  **Lower exp limit 1,2 vol %. Upper exp limit 11,5 vol %**  . | | | | | |
| **First Aid Measures**   * In all cases of doubt, or if symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and seek medical advice * Eye contact: Remove contact lenses, Rinse immediately with plenty of water, also under the eyelids, for at least 10 minutes. Seek medical treatment by eye specialist. * Inhalation: Move to fresh air in case in case of accidental inhalation of vapours. Seek medical treatment immediately * Skin contact Remove contaminated clothing, Wash off with soap and plenty of water. Consult a doctor if skin irritation persists * Ingestion: Do not induce vomiting. Summon a doctor immediately. Have this assessment ready to hand to emergency services. | | | | | |
| **What will the chemical be used for? Cement for bonding Rubber to substrate.**  **Who may be exposed? Engineer.** | | | | | |

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| **METHODS OF PREVENTION OR CONTROL OF EXPOSURE**  Ensure adequate ventilation.  Mix with Hardener only in well ventilated area.  Do not inhale vapour.  Keep away from sources of ignition.  Half mask with A2 filter to be worn when mixing and applying.  Chemical resistant gloves to be worn.  Eye protection to be worn when mixing and applying.  Wear long sleeve coveralls.  H313 – Causes skin irritation.  H319 – Causes serious eye irritation.  H336 – May cause drowsiness or dizziness.  H410 Very toxic to aquatic life with long lasting effects.  **For full list of statements please see MSDS** |

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| **1. Engineering controls required**  Firefighting make sure you have a fire extinguisher ready prior to use. Use foam, CO2 or dry chemical.  DO NOT WATER JET  Make sure you spill kit available prior to opening, open only in a well vented area. | **2. Access control**  Stand by man required if area is confined space  Maximum 110v electric tools and lighting. |
| **3. Special procedures**  Do not leave tins of adhesive in any confined space. Always use gas detection system.  Air mover to be used at all times on entering vessel. | **4**. **Approved PPE** |
| **For any accidental release.**  Ensure adequate ventilation and use appropriate PPE, remove all sources of ignition. Soak up all spillages with inert absorbent material. (E.g. silica gel). Keep area clear of other personnel. Do not allow products to enter sewer or waterways. Inform site contact immediately of any spillages.  Unused material to be taken from site and disposed of by YRL. | | |
| **TRAINING REQUIREMENTS:**  In house training for applying primers and solution.  Breathing Apparatus and confined space certificates. | | |
| **HANDLING AND STORAGE REQUIREMENTS**  Keep tins tightly closed, only open in good ventilation, use air moves if confined (vapours are heavier than air so ensure that no electrical equipment or any other sources of ignition are on the ground. Keep away from any heat of ignition sources. Keep away from any food, drink, waterways or life stock. | | |

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| **ASSESSMENT OF RISK USING CONTROLS DETAILED ABOVE**  Always read risk assessment for job-in-hand, always read safety Date Sheets prior to use. Employees and managers to read and sign this form prior to use. |