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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 Paul Holroyd** | | **H&S Manager: P. Holroyd** | | | |
| **Assessment Date 2nd may 2018** | | **Dates reviewed** | | | |
| **12-5-19** |  |  | |
| **HAZARDS IDENTIFIED**    Explosive limit. 0-Cresol in urine 0.5 mg/L end of shift, Hippuric acid in urine 1.6 g/g creatinine end of shit, Toluene in blood 0.05 mg/L Prior to last shift of workweek.  Information based on present knowledge. | | | | | |
| **Substance**  **Solufix 13** | **Hazardous Properties**  TOLUENE  HIPPURIC ACID  O-CRESOL  CHRONIC  MENTHYL ETHYL KETONE  NAPHTHA PETROLEUM LIGHT HYDROTREATED | | | | **Quantity** |
| Eliminating the need to use hazardous substances, consider is it possible to avoid the need to use hazardous substances. | No alternative available. | | | |  |
| **Additional information**  The information in this document is based on present knowledge | | | | | |
| **Emergency Procedures**   * ***Eye contact***: Rinse immediately with plenty of water, also under the eyelids, for at least 15 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*** Wash off with soap and plenty of water. Consult a doctor if skin irritation persists * ***Ingestion***: Do not induce vomiting. Summon a doctor immediately. Induce vomiting only upon the advice of a physician | | | | | |
| **What will the chemical be used for?** Bonding Linatx Rubber  **Who may be exposed?** Rubber liners | | | | | |

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| **METHODS OF PREVENTION OR CONTROL OF EXPOSURE**  **Nitrile gloves to be worn.**  **Eye protection must be worn when mixing**  **Only use in well ventilated area.**  **If in confined space forced ventilation must be used and air feed mask.**  **FUMES ARE HEAVIER THAN AIR.**  **Keep to minimum in the work area, keep container closed when not in use.**    GHS02, GHS08, GHS07  H225 – Highly Flammable  H315 – Causes skin irritation  H316d – Suspected of damaging the unborn child.  H336 – May cause drowsiness and dizziness  H373 – May cause damage to organs through prolonged or repeated exposure  H304 – May be fatal if swallowed and enters airways.  H302 Harmful if swallowed  H319 Causes serious eye irritation  H361 Suspected of damaging fertility of the unborn child  H335 may cause respiratory irritation  H412 Harmful to aquatic life with long lasting effects  **For full list of statements see MSDS sheet (section 2).**  Keep away from heat and sources of ignition.  If inhaled remove person to fresh air and keep comfortable for breathing. Call for medical attention immediately. |

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| NAME | STD | TWA 8 HRS | STEL 15 MINS |
| Solufix 13 | WEL | 50 ppm | 150ppm |

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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. 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 tools and lighting.  EX lighting preferred. Type VL51-IP66&67  EEx d IIB T6 ta 55’C  EEx d IIB T5 ta 65’C |
| **3. Special procedures**  Always use gas detection system.  **Personal Gas monitor: BW GasAlert Max XTII** | **4**. **Approved PPE**  Wear protective clothing, eye protection and gloves.  Half mask with filter SR218 A2 (as advised). Air feed in confined spaces |
| **Disposal Procedures**  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**  Confined space and air feed mask Training  CCNSG safety passport. | | |
| **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. |