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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 : Paul Holroyd** | | | |
| **Assessment Date 6/5/16** | | **Dates reviewed** **May 2017** | | | |
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| **HAZARDS IDENTIFIED**  **http://www.hse.gov.uk/chip/images/env-l.gif**    Contains isocyanates. Follow assessment carefully. | | | | | |
| **Substance**  Resimac 507 DWPU base and activator. | **Hazardous Properties**  **Diphenylmethane di-isocyanate** | | | | **Quantity**  1 Kilo Kits |
| Eliminating the need to use hazardous substances, consider is it possible to avoid the need to use hazardous substances. | No alternatives. | | | |  |
| **Additional information:**  **Base: Liquid. Colour Blue or Grey. Odour, Aromatic. Flash point 127’C**  **Activator: Brown liquid, Odour Musty/Earthy. Flash point 229’C**  **The information in this document is based on present knowledge.** | | | | | |
| **Emergency Procedures**  *Summon immediate medical assistance after contact with skin, eyes, inhalation or ingestion*    **Eye:** Immediately flush eyes with plenty of running water for at least 15 minutes. If irritation persists seek medical advice  **Skin:** Remove contaminated clothing immediately. Wash affected area with soap and water. If irritation persists seek medical attention.  **Ingestion:** There may be sore and redness of the mouth and throat. Do not induce vomiting. Seek medical advice.  **Inhalation:** Remove person to fresh air. In case of irritation of the respiratory tract or swallowing consult a doctor | | | | | |
| **What will the chemical be used for?** Coating of valves, Pumps, Spools and floors.  **Who may be exposed?** Yorkshire Rubber Linings Ltd Applicators | | | | | |

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| **METHODS OF PREVENTION OR CONTROL OF EXPOSURE**  Mix only in well ventilated area.  Use half mask with A2 filters when mixing.  Eye protection must be worn.  Use chemical resistant gloves (Nitrile).  Use Breathing apparatus and forced air for confined space use.  Disposable overalls must be worn.  Use portable fans to move air from coating area.  WEL TWA 8 hours. 0.02 mg/m3. STEL 15 mins 0.07 mg/m3  (R20) Harmful by inhalation  (R36/37/38) Irritating to eyes, respiratory system and skin  (R40) Limited evidence of carcinogenic effect  (R42/43)) May cause sensitization by inhalation  (R48/20) Harmful: danger of serious damage to health by prolonged exposure through inhalation S Phrases  (S23) Do not breathe vapours  (S36/37) Wear suitable protective clothing, gloves and eye/face protection  (S38) In case of insufficient ventilation wear suitable respiratory equipment  (S45) In case of accident or if you feel unwell seek medical advice  (S63) In case of accident by inhalation remove casualty to fresh air  (S42) During spraying wear suitable respiratory equipment |

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| 1. **Engineering controls required**   Spill Control  Avoid skin and eye contact. Prevent from entering sewer system, surface water or soil. For large amounts dike spilled product with liquid absorbing material and pump off. For small spills soak up and transfer to a suitable container. Wash area with water.  *Refer to section 5, 8 and 13 of MSDS for Protective Measures and Disposal.* | **2. Access control**  Stand by man needed for confined space entry.  Maximum 110v tools and lighting.  Ex lighting type VL51-IP66&67 |
| **3. Special procedures**  Use gas detection system. BW Gasalert Max XTII | **4**. **Approved PPE**  Wear protective clothing, eye and gloves.  Half mask with filters SR218 A2. |
| **Disposal Procedures**  **Crush Tins and dispose of via metal skip** | | |
| **TRAINING REQUIREMENTS**  Confined space training  Breathing apparatus. | | |
| **HANDLING AND STORAGE REQUIREMENTS**  Store in a cool dry area between 10C and 30C, away from direct sunlight, heat and sources of ignition. Use in well ventilated area. Wash hands after contact. | | |

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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. |