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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: 18th July 2016** | | **Review Date: 18th July 2017** | | | |
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| **HAZARDS IDENTIFIED (see MSDS for full list).** | | | | | |
| **Substance:**  203 SUPERFLOW CERAMIC REPAIR FLUID BASE | **Hazardous Properties:**  BISPHENOL A-(EPICHLORHYDRIN) {REACTION PRODUCT}  BISPHENOL F TYPE EPOXY RESIN | | | | **Quantity**  1 kilo kits |
|  | **Classification under CHIP:** Xi: R36/38; Sens.: R43; N: R51/53  **Classification under CLP:** Acute Tox. 4: H302; Aquatic Chronic 2: H411; Eye Irrit. 2: H319; Skin Irrit. 2: H315; Skin  Sens. 1: H317; -: EUH205 | | | |  |
| **Additional information: Most important adverse effects:**  Irritating to eyes and skin. May cause sensitisation by skin contact. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. | | | | | |
| **First Aid Measures**  **Skin contact:** Remove all contaminated clothes and footwear immediately unless stuck to skin. Wash immediately with plenty of soap and water.  **Eye contact:** Bathe the eye with running water for 15 minutes. Consult a doctor.  **Ingestion:** Wash out mouth with water. Consult a doctor.  **Inhalation:** Remove casualty from exposure ensuring one's own safety whilst doing so. Consult a doctor. | | | | | |
| **What will the chemical be used for? Carrying out chemical metal repairs to metal parts**  **Who may be exposed? Engineer.** | | | | | |

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| **METHODS OF PREVENTION OR CONTROL OF EXPOSURE**  H315: Causes skin irritation.  H317: May cause an allergic skin reaction.  H319: Causes serious eye irritation.  H411: Toxic to aquatic life with long lasting effects.  R36/38: Irritating to eyes and skin.  R43: May cause sensitisation by skin contact.  R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.  **For full list of statements please see MSDS** |

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| **1. Engineering controls required**  Fire Fighting: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.  **Environmental precautions:** Do not discharge into drains or rivers. | **2. Access control**  Stand by man required if area is confined space  Maximum 110v electric tools and lighting. |
| **3. Special procedures**  **Engineering measures:** Ensure there is sufficient ventilation of the area. The floor of the storage room must be  impermeable to prevent the escape of liquids.  **Respiratory protection:** Self-contained breathing apparatus must be available in case of emergency. Respiratory  protective device with particle filter.  **Hand protection:** Protective gloves.  **Eye protection:** Safety glasses. Ensure eye bath is to hand.  **Skin protection:** Protective clothing.  **Environmental:** Prevent from entering in public sewers or the immediate environment. | **4**. **Approved PPE** |
| **For any accidental release.**  Clean-up should be dealt with only by qualified personnel familiar with the specific substance. Transfer to a closable, labelled salvage container for disposal by an appropriate method.  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**  Ensure there is sufficient ventilation of the area.  Store in a cool, well ventilated area. Keep container tightly closed. Keep away from direct sunlight. Avoid incompatible materials and conditions - see section 10 of SDS.  Must only be kept in original packaging. | | |

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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. |