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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; SkinSens. 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 spaceMaximum 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 beimpermeable to prevent the escape of liquids.**Respiratory protection:** Self-contained breathing apparatus must be available in case of emergency. Respiratoryprotective 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. |