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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 :**  |
| **Assessment Date 11/1/18** | **Dates reviewed** **4/19** |
| **27/6/18 MO** |  |  |
| **HAZARDS IDENTIFIED** For full list of hazards see MSDSThis product contains Isocyanates, follow risk assessment fully.  |
| **Substance****Cilbond 89ET*.*** | **Hazardous Properties***Diphenylmethanediisocyanate – isomers & homologues, N,N – (M-Phenylene) Dimaleimide, Poly Dinitrosobenzene, Toluene, Xylene* | **Quantity****10ltr.** |
| Eliminating the need to use hazardous substances, consider is it possible to avoid the need to use hazardous substances. | No alternative available. |  |
| **Additional information**Black Liquid. AromaticThe information in this document is based on present knowledge |
| **Emergency Procedures*** **Eye contact**: Remove victim immediately from source of exposure. Make sure to remove any contact lenses from eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids, continue to rinse for at least 15 minutes. Contact physician if irritation persists
* **Inhalation**: Move to fresh air in case in case of accidental inhalation of vapors at once. For breathing difficulties oxygen may be necessary. If breathing stops, provide artificial respiration. Keep the affected person warm and at rest. Get prompt medical attention.
* **Skin contact:** Remove affected person from source of contamination. Wash off with soap and plenty of water. Consult a doctor if skin irritation persists
* **Ingestion:** Do not induce vomiting. Never make an unconscious person vomit or drink fluids. Immediately rinse mouth and provide fresh air. Get medical attention immediately. NOTE Keep affected person away from heat, sparks and flames.
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| **What will the chemical be used for?** *Primer used for bonding rubber* **Who may be exposed?** Rubber liners |

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| **METHODS OF PREVENTION OR CONTROL OF EXPOSURE** **Only use in well ventilated area, if in confined space forced ventilation must be used and half mask fitted with A2 filter. FUMES ARE HEAVIER THAN AIR.****Use correct chemical resistant gloves.****Breathing Apparatus must be worn in ANY confined space.****Forced ventilation must be used** **Paper coveralls to be worn.****R11 –** Highly Flammable**R20/21 –** Harmful by inhalation and contact with skin**P4 –** Contains isocyanates. See information supplied by the manufacturer.**R48/20 –** Harmful Danger of serious damage to health by prolonged exposure through inhalation.**R42 –** May cause sensitisation by inhalation.**S23 –** Do not breathe vapour/spray**S45 –** In case of accident or if you feel unwell, seek medical advice immediately (show label where possible).**R52/53 –** Harmful to aquatic organisms, may cause long term adverse effects in aquatic environment**R63 –** Possible risk of harm to unborn child**S9 –** Keep container in a well ventilated place**S16 –** keep away from sources of ignition – no smoking**S26 –** In case of contact with eyes, rinse immediately with plenty of water seek medical advice**S36/37/38 –** Wear suitable protective clothing and gloves and eye protection**S51 –** use only in well ventilated areas**S60 –** This material and container must be disposed of as hazardous waste.    |

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| NAME | Std | TWA- 8 hours | STEL – 15 mins |
| Diphenylmethaneddiisocyanate | WEL | 0.02 mg/m3(sen) | 0.07 mg/m3(sen) |
| N,N’-(M-Phenylene ) Dimaleimide | WEL | 5mg/m3 |  |
| Toluene | WEL | 50 ppm (Sk) | 150 ppm(Sk) |
| Xylene | WEL | 50 ppm (Sk) | 100 ppm (Sk) |

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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 spaceMaximum 110v tools and lighting.EX lighting preferred. Type VL51-IP66&67EEx d IIB T6 ta 55’CEEx 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).   |
| **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 BA TrainingCCNSG 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. |