# FORM-02. Chemical Risk Assessment

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Product Name:** | | |  | | **Storage Location:** | |  | | | | | |
| **Use:** | | |  | | | | **Volume:** | | | | litres/kg | |
| **Type (Circle):** | | | **Gas Liquid Solid** (e.g. powder, granules) | | | | **MSDS Date:** | | | |  | |
| *Use the Risk Rating to determine the level of risk for each type of exposure and the final rating after risk controls are applied. Use the Hierarchy of Control (HoC) to develop the most effective type of risk control. Focus on controls higher up the HoC* | | | | | | | | | | | | |
| **Task (EXAMPLE)** | | Applying Velocity V Brite to bay walls using a mop | | | | | | | | | | |
| ***Exposure*** | | ***Risk Assessment*** | | ***Risk Controls*** | | | | | | | | ***Final Risk Rating*** |
| ***Eye Contact*** | | ***High*** | | ***Wear chemical safety glasses*** | | | | | | | | ***Low*** |
| ***Skin Contact*** | | ***High*** | | ***Wear elbow-length PVC gloves and a synthetic chemical apron*** | | | | | | | | ***Low*** |
| ***Inhalation*** | | ***Low*** | | ***-*** | | | | | | | | ***Low*** |
| ***Ingestion*** | | ***Low*** | | ***-*** | | | | | | | | ***Low*** |
| **Task** | |  | | | | | | | | | | |
| ***Exposure*** | | **Risk Assessment** | | **Risk Controls** | | | | | | | | **Final Risk Rating** |
| ***Eye Contact*** | | Nil / Low / Moderate / High | |  | | | | | | | |  |
| ***Skin Contact*** | | Nil / Low / Moderate / High | |  | | | | | | | |  |
| ***Inhalation*** | | Nil / Low / Moderate / High | |  | | | | | | | |  |
| ***Ingestion*** | | Nil / Low / Moderate / High | |  | | | | | | | |  |
| **Task** | |  | | | | | | | | | | |
| ***Exposure*** | | **Risk Assessment** | | **Risk Controls** | | | | | | | | **Final Risk Rating** |
| ***Eye Contact*** | | Nil / Low / Moderate / High | |  | | | | | | | |  |
| ***Skin Contact*** | | Nil / Low / Moderate / High | |  | | | | | | | |  |
| ***Inhalation*** | | Nil / Low / Moderate / High | |  | | | | | | | |  |
| ***Ingestion*** | | Nil / Low / Moderate / High | |  | | | | | | | |  |
| **Task** | |  | | | | | | | | | | |
| ***Exposure*** | | **Risk Assessment** | | **Risk Controls** | | | | | | | | **Final Risk Rating** |
| ***Eye Contact*** | | Nil / Low / Moderate / High | |  | | | | | | | |  |
| ***Skin Contact*** | | Nil / Low / Moderate / High | |  | | | | | | | |  |
| ***Inhalation*** | | Nil / Low / Moderate / High | |  | | | | | | | |  |
| ***Ingestion*** | | Nil / Low / Moderate / High | |  | | | | | | | |  |
| **Hierarchy of Control** | | | | | | **Risk Rating** | | | | | | |
| **Elimination** | | eliminate hazardous substances not necessary for the work | | | | **Nil** | | No risk | | | | |
| **Substitution** | | substitute less harmful substances, e.g. less caustic cleaners | | | |
| **Engineering Controls** | | change the processes or equipment to reduce risks, e.g. use pumps instead of pouring liquids | | | | **Low** | | Minor impact may happen | | | | |
| **Administrative Controls** | | provide training or change work procedures to minimise risks, e.g. job rotation | | | | **Moderate** | | Moderate impact likely to happen | | | | |
| **Protective Equipment** | | use equipment for protection, e.g., safety glasses, gloves | | | | **High** | | Major impact very likely to happen | | | | |
| **Risk Assessor** | | | | | | | | | | | | |
| **Name** |  | | | | **Signature** |  | | | | | | |
| **Position** |  | | | | | | | | **Date** |  | | |