# SSERC logo

**SSERC Risk Assessment** (revised version March 2018)

(based on HSE’s INDG 163 ‘Risk assessment - A brief guide to controlling risks in the workplace’)

2 Pitreavie Court, South Pitreavie Business Park, Dunfermline KY11 8UU

tel : 01383 626070 e-mail : [enquiries@sserc.org.uk](mailto:enquiries@sserc.org.uk) web : [www.sserc.org.uk](http://www.sserc.org.uk)

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| --- | --- |
| Activity assessed | Gloopy and Gooey |
| *Date of assessment* | 3rd February 2020 |
| *Date of review (****Step 5****)* |  |
| *School* |  |
| *Department* |  |

| Step 1 | Step 2 | Step 3 | Step 4 | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- |
| *List Significant hazards here:* | *Who might be harmed and how?* | *What are you already doing?*  *What further action is needed?* | *Actions* | | | | |
| *by whom?* | | *Due date* | | *Done* |
| Copper sulphate is harmful if swallowed and corrosive to eyes | Technician preparing solutions. | Avoid raising dust. Wear goggles (EN 166 3) |  |  | |  | |
| Sodium tetraborate is a reproductive toxin. | Technician preparing solutions. | Avoid raising dust. Wear gloves and eye protection. |  |  | |  | |
| Reaction mixtures can cause irritation | Demonstrator / audience | Avoid handling too much (wear gloves if appropriate) and If spilled on skin, wash off with copious amounts of water. |  |  | |  | |

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| **Description of activity:**   1. Gaviscon is squirted from a syringe into copper sulphate solution. The alginates in GavisconTM are cross-linked by the Cu++ ions to form a polymer. 2. Borax solution is mixed with PVA to make a slime. |
| **Additional comments:** |