**Method Statement**

**Material Rigid Polyurethane Foam**

**Location Workshops**

**Staff allowed Members of the following departments once trained:**

Props, Scenic Construction, Paintshop

**Students allowed** Year Ones Allowed once trained

Year Two Allowed once trained

Year Three Allowed once trained

# Risk Rating B Second person in the area, member of staff nominally supervising

# 

**Special notes**

**Date of creation:** January 2019

Reviewed May 2020

**Tasks, Associated Hazards, *Action to be taken to avoid hazards***

**1. Approved Tasks Casting large objects, gluing together polystyrene, filling large cavities**

**2. Before Use.**

* + - *Use spray booth or extraction. If this is not possible, use in a well ventilated area and wait until break/ lunch/ time when area is clear to use foam*
    - *Wear vapour mask and gloves*
    - *Cover surrounding area with brown paper or newspapers in case of spillage*
    - *Ensure there are adequate vents in object to be filled so air has place to escape.*
    - *Stir each part thoroughly*
    - *Make sure there are spare gloves/ paper cups/ tongue depressors at hand*

**3. During use**

* + - *concentrate on the task*
    - *Weight out Equal parts A to Part B (1:1) in separate cups*
    - *Mix Part A and Part B together in a disposable cup (make sure its big enough to allow for a bit of expansion)*
    - *Work quickly- you only have 5 minutes until full expansion.*
    - *Only measure out the amount you need- Foam will quickly expand to 8 times it’s original volume, potentially covering surrounding area*
    - *Scrape spare mixed material up sides of cup or place into container large enough to hold expanded material*

4**. After use**

* *Put containers back into flammables cupboard. Ensure they are properly sealed.*
* *Leave extraction running until cured. Do not touch freshly cured material with bare hands*
* *Leave as long as possible before attempting to sand/ cut cured material. Wear gloves when sanding*
* *Allow spillages to cure before putting material in the bin.*

**5. Weekly checks (**not applicable)

**6. Noise** is not considered to be a problem with these materials

**7. P.P.E. and clothing**

* + - *Wear Nitrile Gloves*
    - *Wear a vapour mask*
    - *Long sleeves are recommended to prevent skin contact. However, make sure sleeves aren’t loose or baggy.*