

# COSHH RISK ASSESSMENT FORM

Activity Title: Laser Cutting Silicone Sheet	Type of activity:	Location of activity:  OT039
Assessed by: SC  Date: 171012	Endorsed by :  Date:	Assessment review date:

**Description of activity** (Give sufficient detail so that it is clear as to the procedure/process being undertaken, to include substances to be used and importantly created)

Laser cutting Solid Silicone Sheet, using Epilog Helix 75W Laser Cutter

Have you used the least hazardous substances possible in order to eliminate or minimise the hazards to health? **Yes or No - If No please justify**

**Substance details.** *Data sheets (MSDS) are attached*

Substance (chemical, radiological or biological agents. Including those created by activity)	Quantity (concentration)	Classification (carcinogenic, very toxic, toxic, harmful etc)	Exposure Route (Inhalation, ingestion etc)	Exposure (duration / frequency of use)
Translucent Solid Silicone Sheet	Up to 1.5mm thick, up to 610x457mm	Not Hazardous	N/A	Approx 1-4 hours Month
Ground Quartz (Silica)	<3%	Hazardous by prolonged or repeated exposure if inhaled	Inhalation	When cleaning parts and machine after processing
Combustion Fumes		Toxic	Inhalation	Filtered by machine extraction