

HEALTH & SAFETY

- when using vitreous enamels.

When using vitreous enamels in powder or liquid form, the risks are minimal, with common sense and adequate control measures as set out below. For the amount most students will be using and the length of time in the workshop, the risk is extremely low.

Process of enamelling; Finely ground borosilicate glass
(coloured by trace metallic compounds)
which melts at 800 - 820°C, is fused to the surface of certain
metals, usually copper, steel or silver.

HAZARDS

Toxic Hazardous by swallowing
Dust Hazardous by inhalation
Irritant To the eyes. Prolonged contact with skin may
cause irritation & inflammation.
Burns From the kiln & equipment

I work with Lead free and Leaded enamels, but many enamels contain small quantities of insoluble chrome, cobalt, copper, nickel, antimony, cadmium or manganese compounds. These present minimal risk when handled carefully in small quantities.

Eye protection and hand washing after use will prevent irritation to eyes and skin from the enamels.

I supply face masks, vinyl & leather gloves and special glasses for use with the kiln if required. Students are asked NOT to eat or drink close to where they are working. ALWAYS wash hands thoroughly after handling enamels.

Students accepted onto a CGE workshop agree to;

- *Wear suitable clothing for a practical workshop, aprons will be provided*
- *Wear **fully enclosed** shoes – **NOT** sandals, open topped or canvas shoes (Risk of burning your feet if you drop a trivet/mesh straight from the kiln) If shoes are not suitable, leather foot covers must be worn, as provided by CG.*
- *Tie loose hair back & keep jewellery to a minimum.*
- *If pregnant use a face mask & only lead free enamels*
- *Make Carol aware of any physical, health or special needs you may have at the time of booking.*
- *Ensure you know how to safely use any tools & equipment before use!*
- *Confirm they have read and accepted CGE Terms & Conditions*
- *(Detailed H&S information & Risk Assessments are available upon request.)*

Please print your name, and sign below to confirm you have read & agree to the above ;

NAME

DATE

SIGNATURE