

## Department of Environment and Biodiversity

Laboratory Unit:	Corrosion Casting
Rooms:	D-2.035, D-2.036
Responsible:	Bernd Minnich
Co-Responsible:	Christine Radner
Consultation prior to work:	Bernd Minnich or Christine Radner
Latest update:	Oktober 2023

### Local Safety Rules for Corrosion Casting Labs

- Users must be familiar with the hazard labels, specific hazards and follow the instructions provided by the lab managers.
- Protective gear (lab coat, gloves, goggles, closed toe shoes) must be used.
- Working alone in above listed rooms is permitted provided training has taken place and relevant documents are filed correctly.
- Working with hazardous substances (GHS substances) is only allowed when at least one other person is present.
- Chemicals must be handled and disposed of according to the instructions on the safety data sheet or by the lab managers.
- Chemicals should be kept in their original packings if possible. If the transfer to other containers is necessary, they must always be labelled with the full name of the substance and GHS symbols.
- Work with toxic, corrosive, volatile and/or combustible chemicals must be performed in the fume hoods only.
- Blades, syringe needles, glass items (slides, sectioning knives,..) and other sharp objects have to be disposed of in designated yellow glass containers.

#### Korrosionspräparation & Mazeration, room D-2.035

- When working with Methylmethacrylate ensure to wear gloves, work inside the bench, and open windows. No pregnant person is allowed to be present in the lab when work with Methylmethacrylate takes place!
- Any Methylmethacrylate waste and contaminated materials must be collected in the designated waste container (located on the bench).
- The initiator paste for preparing MMA must be handled with special care due to its explosive characteristics.
- The use of toxic chemicals (eg. Ketamine, barbiturates) is allowed when a responsible person is present.

#### 3D Morphometrie & Gefriertrocknung, room D-2.036

- Cryocut equipped with mini wheel saw and freeze drying unit must be operated only after instruction have been obtained by the lab managers.

- Specimen mounting using colloidal silver and conductive bridges onto stubs for SEM is only allowed after instruction provided by the lab managers.

**Emergency**



Building manager: ext 6821

Fire: 0 – 122

Ambulance: 0 – 144

Info Poisoning Treatment: 01- 406 43 43

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User:

I confirm that I have read and understood the above Local Safety Rules

Date \_\_\_\_\_

Signature \_\_\_\_\_

Laboratory Responsible:

I confirm that above named person was trained on the basis of the Local Safety Rules.

Date \_\_\_\_\_

Signature \_\_\_\_\_