Composite Lab.

General Rules for users of the Composites Lab



Lab rules will be followed very strictly. You may be prohibited to use the lab, if you handle equipment / chemicals / materials carelessly.

- 1. Before you start working in the lab you must have read, understand and sign 'Risk assessment of composite lab.
- 2. Before you start your project/task in lab state your project matters in your project plan.
- 3. For working with epoxy and isocyanates you must have and approved Epoxy Safety certificate.
- 4. Arrange your planned work and time with lab responsible (Raphael Geiger, Yasser Hannan).
- 5. Read and follow all MSDS of Materials/chemicals that you will be using
- 6. <u>Students are NOT allowed to work without supervision.</u> Perform experiments with supervisor or lab responsible
- 7. Familiarize yourself and wear personal safety protection at the lab including protective gear, emergency phone numbers, eye wash, first-aid, suitable work gloves, safety glasses, chemical storage areas, chemical disposal bins and emergency exits.
- 8. No food or drink is allowed in the lab.
- 9. After finishing your work clean all used items and ensure all materials and tools are at the designated location. Maintain a clean lab work environment. Any spilled chemicals and resins must be cleaned immediately.
- 10. All chemical waste MUST be correctly labeled and stored by using containers and provided chemical waste forms. Curing or uncured resin must be placed under appropriate ventilation/ fume hood and MUST be marked with uncured/ cured.
- 11. Wash basin in the lab is ONLY for washing hands. Do NOT wash/clean glassware or plastics ware in wash basin.
- 12. Keep lab doors locked at all the times.
- 13. If you break any equipment report it immediately to lab responsible.
- 14. Mark any ongoing project by stating project matter, responsible person, mobile number, duration of the experiment/project. Make risk assessment for experiments including chemical reactions, resins, electric equipment, potential risks and act accordingly.
- 15. Turn off machines, mixers, vacuum pumps, etc once you are finished.
- 16. If you are heating/curing any material overnight or for long hours, you MUST place a note on the oven indicating the material inside, when it was kept and when it should be removed.
- 17. Late evening and weekend working MUST be informed to lab responsible and your supervisor.
- 18. Follow instructions and protocols for cured, uncured resin, composite production processes, etc.
- 19. Lab responsible persons:

Raphael Geiger, email: rge@iti.sdu.dk Yasser Hannan, email: yah@iti.sdu.dk

By signing below, I certify that I have carefully read and understand the rules of the Composite Lab and will follow them.

Name:	Department/Company
Email/Tel:	
Signature & Date:	

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