

Laboratory/work area: **Wet laboratory**

Activity: **Pore etching**



## Methanol

**Synonymous one:**

Methanol, Carbinol, wood spirit, Methynol, methyl hydride,  
methyl hydroxide, Methyloxyhydrat



**Dangerous for humans and environment**

- Easy inflammable,
- Poisonous in case of inhalation or swallowing
- Electro statically rechargeable!
- With air - explosive mixtures are possible! Weak water-endangering material
- Do not pour it into the drains!

**Safeguard and directives**

- Hold all the containers closely closed
- Keep all kind of ignition sources away.
- Avoid any contact with your skin
- In case of accidents or indisposition immediately consult a doctor. Give this operating instruction to the doctor.
- The steams can catch fire also from hot articles; with air form a combustible/explosive mixture. With alkali metals react strongly also at room temperatures and result in high-inflammatory hydrogen. Acting on it with UV light formaldehyde is formed.
- **Special caution should be paid at:** acid halides, alkaline earth metals, oxidizing agents (among other things perchloric acid, perchlorate, nitric acid, nitrogen oxides, nonmetallic oxides, chrom + sulfuric acid, CrO<sub>3</sub>), hydrides, zinc diethyl, halogens.
- **Unsuitable materials:** Aluminum, zinc alloys, plastics!



- **Eyes protection:** Use safety glasses
- **Hand protection:** Use safety gloves (e.g. Ultranitрил 492);



Fire department 0 / 112

Behavior in the case of danger

Emergency 0 / 19222



Suitable extinguishing agents: CO<sub>2</sub>, powder

First assistance

First assistant: (J. Bahr, Tel.: 6183):



**After inhalation:** Fresh air! If necessary do breath massage;  
**After skin contact:** Rinse off immediately with much water! Remove contaminated clothes!  
**After eyes contact:** Use the eyes bath! Rinse for several minutes the eyes with the eyelids open. Consult an oculist!  
**After swallowing:** Fresh air. Consult immediately an emergency doctor.

**Adequate disposal**

Dispose remainders and empty bundles as special refuse (contact: Kai Rath).

Signature of the responsible person: