



Hydrophobicity and its destruction

Quizz and FAQ

- 1) What is a „Hydrophobes“?
- 2) Where do we use hydrophobes?
- 3) What are their qualities?
- 4) Why is a medical mask considered a hydrophobe?
- 5) Does hydrophobicity depend on temperature?



Answers

1) What is a „Hydrophobes“?

- Organisms that avoid proximity or excess of water.

2) Where do we use hydrophobes?

- Hydrophobic materials are used to clean oil from water, clean up oil spills and chemical processes to separate polar and non-polar substances.

3) What are their qualities?

- Physical property of a molecule, the "desire" to avoid contact with water.

4) Why is a medical mask considered a hydrophobe?

- The material is used in the manufacture, which repels liquid and does not let it through.

5) Does hydrophobicity depend on temperature?

- With an increase in temperature. (decrease in internal order) of an aqueous solvent, these interactions slow down.