

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.

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