

# Data on the Safety of Innovative Materials – **DaNa4.0**



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Federal Ministry  
of Education  
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within the Framework Programme  
“From Material to Innovation”

## The DaNa4.o Approach

Are you developing new materials or simply interested in innovative, future-oriented materials and their applications?

With ten years of experience working within the interdisciplinary field of human and environmental toxicology, biology, and chemistry, the DaNa4.o team ensures transparency and access to relevant information on innovative materials. All this knowledge is carefully collected in the knowledge base and can be found easily on the project's website.



[www.nanoobjects.info](http://www.nanoobjects.info)

## Our Mission

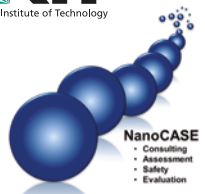
The interdisciplinary DaNa4.o team monitors results from scientific publications, reports, ongoing and completed projects, as well as current news on innovative materials and their impact on humans and the environment.

Reliable information is evaluated using a literature-criteria checklist and collected in the knowledge base. Our mission is to provide fact-based data on material safety to scientists, consumers and the general public alike.

## Knowledge Base

- » Validated information on the safety of more than 25 nano- and innovative materials
- » Application-oriented information
- » Detailed information on the effects of these materials on humans and the environment

***“To provide fact-based data on material safety to scientists, consumers and the general public alike.”***





## New, Innovative Materials: Solutions for Key Challenges

Key challenges for fighting climate change and achieving a better future are:

- » sustainable economy
- » clean water and air
- » healthier society
- » affordable & clean energy
- » resilient infrastructure

Innovative materials, including nanomaterials, play an important role in addressing these challenges. The safe production and use of these materials are basic prerequisites. The DaNa4.0 website keeps you up to date with relevant and assessed scientific facts on the safety of more than 25 innovative materials.



## Welcome to DaNa.

Data on new, innovative and application-safe materials

About DaNa



### Research

The German Federal Ministry of Education and Research is funding projects on new, advanced and application-safe materials / nanomaterials, as well as measures for risk identification and risk minimization.



### Knowledge Base

Which innovative advanced materials and nanomaterials are used in which application? Do humans and/or the environment come into contact with them? What consequences does this have for people and the environment? Is there a risk?

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