



Health and safety aspects of melamine

Melamine is a safe product. People have been living and working with melamine in a large number of consumer product applications for more than four decades. The toxicological properties of melamine, as well as its behavior in the environment, are well known.

Melamine and food

Melamine is absolutely not intended to be used as an ingredient in food and feed applications and therefore should never be used as such.

Melamine in bonded form is widely and regularly used in dinnerware, meeting the most stringent requirements of the US Food and Drug Administration (FDA). If there was the remotest risk of toxicity, the material would never pass the stringent standards of the FDA. You can [download the Interim Melamine and Analogues Safety/Risk Assessment](#) from the FDA website.

Melamine in consumer products like dinnerware, kitchen worktops, laminate flooring, banknotes and automotive coatings etc.

Melamine has been used in applications like laminate flooring, work-surfaces, furniture, dinnerware, banknotes and automotive coatings without incidents since melamine was commercialized over 40 years ago. These applications contain a bonded melamine-based polymer. Even direct or indirect oral contact with any of these products is completely safe.

Melamine in flame retardants

Melamine has been used as a flame retardant material for furniture and mattresses for decades, and complies with all the health and safety requirements in this industry. Any melamine that may be present in the bedding foams will be locked in the foam matrix and therefore cannot enter your digestive system while sleeping on flame retardant mattresses.

Toxicity of melamine

The levels at which melamine causes toxicity are in the same range as, for instance, table salt and alcohol in wine and beer. For more detailed information, see the [Safety Data on our website](#).

Working with melamine

No personal injuries are likely in the event of spillage. Melamine has a very low acute toxicity. If it is inhaled or gets in the eyes, it is only mildly irritating, and the irritation quickly subsides when exposure ceases.

There is a major difference between working with melamine as compared to systematically ingesting it and thus having it in your digestive system.

Working with melamine is proven to be safe. Exposure may occur through inhalation, but in the form of, essentially, an inert dust.

Skin contact may occur, but does not cause any problems, apart from rare cases of irritation.

For those people working with melamine, if they have any concerns about the health and safety of the raw material, then they should refer to the information in the [Safety Data Sheet on our website](#).

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