

Fact bite #28



Can coatings



1/5
→



Food
Packaging
Forum

Cans used for food and beverages are coated with a thin organic layer (1-10 μm thick) to prevent chemical reactions between the food and the metal.

2/5
→



Food
Packaging
Forum

Fact bite #28
Can coatings

Most can coatings have been made from epoxy resins, which are durable and protective.

However, due to concerns about the release of bisphenol A (BPA), companies have been developing and using alternative coatings, such as acrylic, polyester, and polyolefin-based options.

3/5
→

Some chemicals from can coatings, like BPA and its derivatives, can migrate into food. Studies have linked BPA exposure to canned food consumption, and research is ongoing to assess potential health risks from other unknown (and therefore untested) substances present in can coatings.

4/5
→

Due to harmful human health effects on the immune system, the European Union has recently banned the use of BPA in all food contact materials, including can coatings.

5/5