



Black Plastic

[Source: IE](#)

Black Plastic, widely used in kitchenware and containers, faces scrutiny over potential health risks, raising concerns about its safety.

- **About:** Black plastic is often made from **recycled electronic waste**. Its black color comes from a substance called **Black Carbon** (short-lived pollutant, significant contributor to warming).
- **Composition: Its composition may contain toxic substances such as brominated flame retardants, antimony, lead, cadmium, and mercury.**
 - These heavy metals are **toxic at high exposure levels** and banned in many countries. The flame-retardant **decabromodiphenyl ether (BDE-209)** in black plastic poses potential health risks.
 - Despite bans on certain chemicals, **legacy plastics** (cannot be reused or recycled) with harmful elements continue to enter the recycling chain.
- **Concerns:** While exposure through kitchen utensils is lower, concerns about **cumulative chemical exposure** remain.

//



Read more: [India as the World Largest Plastic Polluter](#)