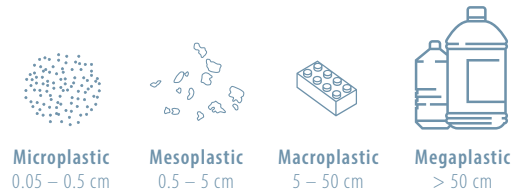


Not all Plastics are Equal

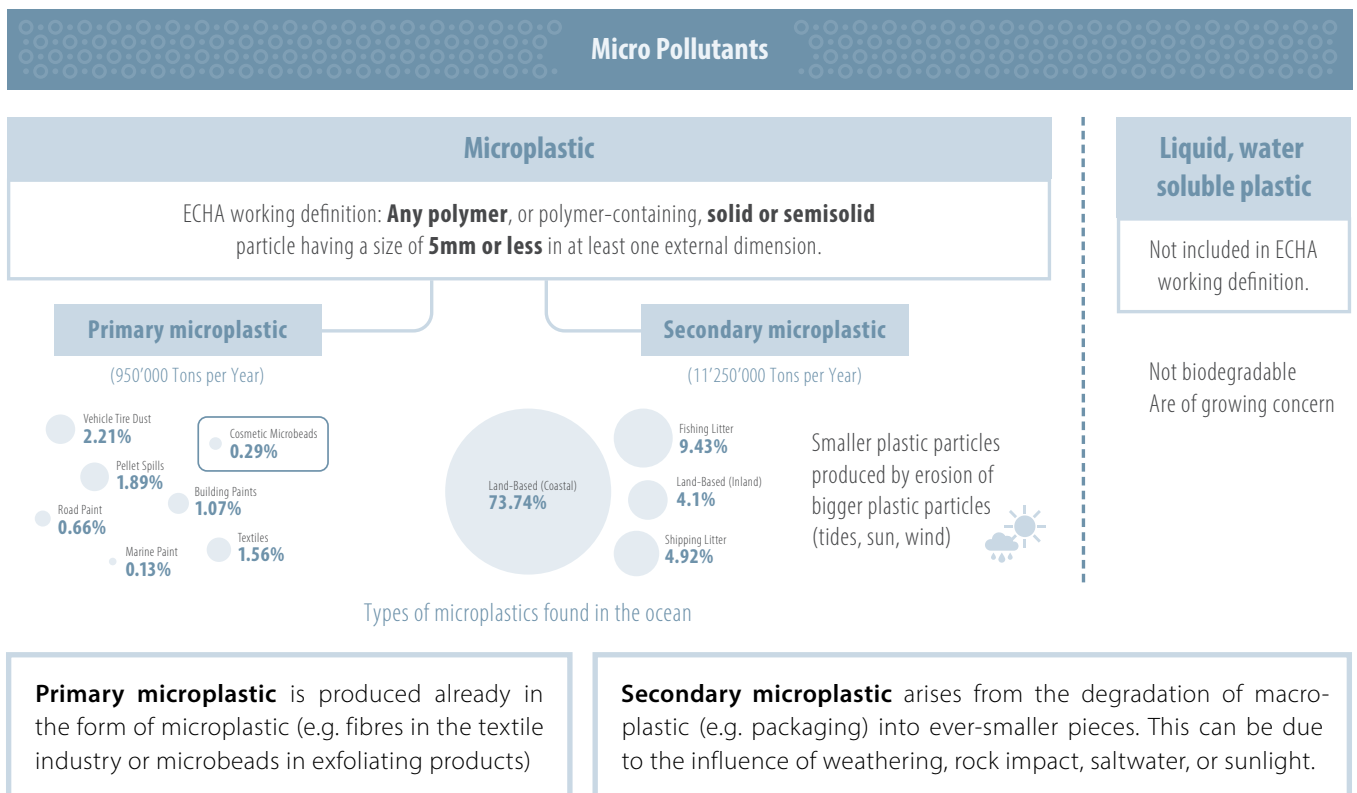
While plastic is a blanket term commonly used, the composition of the various plastics is as diverse as their areas of application.

The word synthetic refers to a material that has been artificially made. Unfortunately, the most common forms of synthetics are produced from non-renewable crude oil. When organic molecules called monomers are joined together to form longer chains, we call these polymers. There are not only artificially manufactured polymers, but also natural ones. A well-known natural example is the polymer cellulose, which is the main component of plant cell walls.

Plastic can be generally divided into the four following categories based on size:



Out of these categories above, microplastic plays the most significant role in cosmetics, where a distinction is made between **primary** and **secondary** microplastic:



The primary microplastics used in cosmetic products are washed with our wastewater into the natural water bodies and, ultimately, into the ocean. 3.7% of the primary microplastic pollution in our oceans comes from cosmetic products¹.

Do you, too, want to produce plastic-free, sustainable cosmetics? Are you looking for alternatives to synthetic scrub particles, or do you want to replace liquid plastics in your cosmetic products?

¹ Quelle: <https://www.eunomia.co.uk/reports-tools/plastics-in-the-marine-environment/>

We would be happy to present our «Disconnect from Plastics» concept and show you the formulations of the future.