

SITES WITH MORE INFORMATION

Terracycle- A company that focuses on the recycling of cosmetic products in order to make a greener and more sustainable society

www.Terracycle.com

FDA- FDA regulates cosmetics under the authority of these laws (Federal Food, Drug, & Cosmetic Act; Fair Package and Labelling Act)

www.fda.gov/cosmetics/cosmetics-laws-regulations/

Huffington Post- explains the pollution found in mascara and other beauty products and how it is affecting the environment

www.huffingtonpost.ca/emily-lyons/makeup-pollution

Sources:

"FDA Authority Over Cosmetics." FDA, www.fda.gov/cosmetics/cosmetics-laws-regulations/fda-authority-over-cosmetics-how-cosmetics-are-not-fda-approved-are-fda-regulated. Accessed 9 Oct. 2019.

Lyons, Emily. "Your Fave Makeup Could Be Harming The Environment." Huffington Post Canada, 30 June 2016, www.huffingtonpost.ca/emily-lyons/makeup-pollution_b_10758282.html. Accessed 9 Oct. 2019.

Frumkin, H. (ed.) 2016. Environmental Health: From Global to Local. New York: John Wiley & Sons.

"Mascara." VashonSD, www.vashonsd.org/cms/lib/WA01919522/Centricity/Domain/301/Mascara-1.pdf. Accessed 9 Oct. 2019.

"Personal Care and Beauty Recycling Program." Terracycle, www.terracycle.com/en-US/brigades/personal-care-and-beauty-brigade-r. Accessed 9 Oct. 2019.

THE EFFECTS OF MASCARA



MOST WOMEN SEE MASCARA AS A NECESSITY TO THEIR EVERYDAY LIFE, BUT DO YOU ACTUALLY KNOW HOW HARMFUL IT IS?

EFFECTS OF MASCARA IN THE ENVIRONMENT

RAW MATERIALS GATHERED FOR MASCARA ARE MOSTLY FROM PETROLEUM, HIGHLY UNSUSTAINABLE BECAUSE IT IS A NON-RENEWABLE RESOURCE, IT HAS PLAYED A ROLE IN OIL SPILLS, AND HAS DAMAGED NATURAL HABITATS, AND HAS BEEN A FACTOR IN CLIMATE CHANGE

MANUFACTURING STAGE- FUMES FROM THE MASCARA MIXTURE RELEASED INTO THE AIR SINCE THERE IS NO LID TO COVER THE MIXTURE

PACKAGING- MOST MASCARA PRODUCTS ARE PACKAGED IN PLASTIC, WHICH IS NOT BIODEGRADABLE. THIS PACKAGING TYPICALLY GETS TOSSED INTO A LANDFILL, WHERE IT WILL NOT BE ABLE TO BREAK DOWN FOR HUNDREDS OF YEARS.

DISTRIBUTION- ONCE THE MASCARA IS PACKAGED, THE PRODUCT IS SHIPPED BY PLANES, RAILROADS AND TRUCKS TO VARIOUS STORES, WAREHOUSES, AND OTHER LOCATIONS (THESE TRANSPORTATIONS REQUIRE FOSSIL FUELS WHICH HAVE A NEGATIVE IMPACT ON THE ENVIRONMENT)

USAGE AND DISPOSAL- MASCARA TYPICALLY LASTS FOR ABOUT 3-6 MONTHS DEPENDING ON HOW MUCH YOU USE THE PRODUCT. MOST RECYCLING PROGRAMS DO NOT ACCEPT MASCARA TUBES DUE TO THE TYPE OF PLASTIC THAT THEY USE

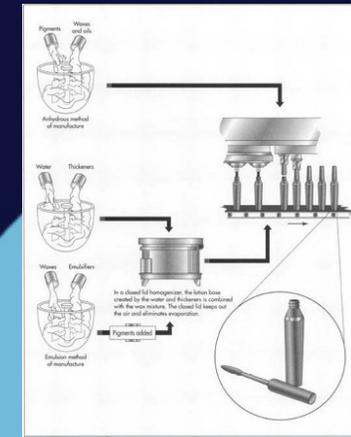


Figure 1 Mascara can be manufactured using the anhydrous method or the emulsion method (FDA)

**BEAUTY PRODUCTS
ACCOUNT FOR 1/3 OF
ALL LANDFILL WASTE**