

YOU'VE GOT MAKEUP... IN YOUR LUNGS

(BeautyCalypse.com magazine)

"...German scientists discovered that nanoparticles get into the body system through the lungs and that they remain in the body.

French scientists proved that TD (Titanium Dioxide) Nanoparticles could be just as toxic as asbestos, accumulating in the lungs and causing lung irritation, inflammation and, ultimately, cancer.



Some manufacturers "micronize" the minerals into Nanoparticles which are tiny enough to penetrate the skin as toxins and lungs when inhaled. Scientists have found that Nanoparticles once entered in the body remain and if TD Nanoparticles accumulate in the lungs can cause irritation, inflammation and even cancer..." **CLICK to READ MORE:** <https://beautycalypse.com/2013/05/28/is-mineral-makeup-really-the-best-option/>

NASAL AND PULMONARY TOXICITY OF TITANIUM DIOXIDE NANOPARTICLES IN RATS

(US National Library on Medicine, National Institutes of Health)

"...Inhaled nanoparticles into the body contact with the nasal cavity first and this area is open to outer space. Deposited nanoparticles in the nasal cavity have potential toxicity; they could be translocated to other organs, especially the brain. A previous study reported that TiO₂ nanoparticles translocated into the central nervous system and potentially caused lesions of the brain ([Wang et al., 2008](#)). This study is in agreement with other previous studies that showed, following inhalation exposure, nanoparticles traveled via the nasal nerves to the brain ([Kreuter et al., 2002](#); [Oberdörster et al., 2004](#)). Other studies have also indicated that the olfactory route may be an important transfer route for inhaled nanoparticles to the central nervous system ([Oberdörster et al., 2005](#); [KNTP, 2005](#); [Hunter and Udem, 1999](#); [Utell et al., 2002](#)). Therefore, we need to consider the nasal cavity for accomplishment the study of inhalation toxicity..." **READ MORE:**

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3834427/>

THE DANGERS OF MICA AND OXIDE MINERAL MAKEUP



"...Mica, titanium dioxide, zinc oxide and other chemicals that are often found in mineral makeup may pose a health hazard.

Possible dangers of mineral makeup ingredients.

A common ingredient in mineral makeup is mica. Mica is also used in construction materials that require the use of protective gear and masks when exposed, as prolonged exposure may cause lung scarring. While this doesn't specifically relate to mica in cosmetics, it does suggest that it may be a good idea to be in a well-ventilated area when applying mica makeup.

Some mineral makeup products contain titanium dioxide, zinc oxide and other chemical ingredients in nanoparticle form; nanoparticles are tiny particles that can penetrate the skin layers and lungs if inhaled. Despite this, it's not known for sure what long-term effects nanoparticles in makeup could cause. Further testing is needed to ensure nanoparticles are safe.

According to makeup artist Troy Surratt in his article "Busting the Myths of Mineral Makeup," featured in "Teen Vogue," (Read more: <http://www.teenvogue.com/story/myths-mineral-makeup>) the chemicals that found in many so-called mineral makeup products -- particularly bismuth oxychloride -- may clog pores, irritate sensitive skin and dry out sensitive skin.

FDA Rules and Testing of Cosmetics

The FDA does not have legal means to enforce tests on ingredients in cosmetics except color additives. The organization only takes legal action against cosmetic companies if there is enough evidence of a safety problem for consumers. Cosmetic companies are required to ensure products are safe for sale on their own by law. This means that they could be putting anything potentially hazardous onto the market, so it is important for consumers to check if their products have safe ingredients..."

READ MORE: <https://www.leaf.tv/articles/the-dangers-of-mica-and-oxide-mineral-makeup/>