



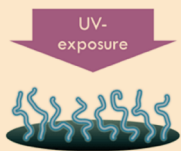
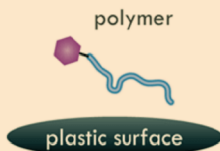
Did You Know?

New Plastic Coating to Prevent Bacterial Adhesion

In clinics and medical practices, it is crucial to work with sterile equipment to ensure a high standard of hygiene.

Flux Polymers GmbH Company offers an innovation and simple solution to keep plastic surfaces free from bacteria by patented coating. They produce a polymer for spray or dip coating the sterile equipment and then permanently fixed by short UV irradiation as process below.

To introduce anti-fouling property on the plastic surface, they use a hydrophilic polymer which is non-toxic and biocompatible. The polymer is applied on the substrate through fast and efficient dip or spray coating.



By simple UV-irradiation, parts of polymer react with the plastic surface, so that a permanent attachment of the coating is ensured. The process is fast, cost-efficient and not detrimental to the used material.

The hydrophilic surface finishing is suitable for various plastic substrates and renders the surface antibacterial through anti-adherence property. Thus, biofilm formation can be significantly reduced.



The patented coating process is fast and cost-efficient. It changes neither the look nor the feel of the coated material and prevents bacteria from adhering to the plastic surface. Moreover, there is no toxic substances that might induce resistance in bacteria.

References:
 1. <https://www.news-medical.net/news/20210819/New-coating-prevents-bacteria-from-adhering-to-plastic-surfaces.aspx>
 2. <https://nachrichten.idw-online.de/2021/08/19/new-coating-for-plastics-to-fight-bacteria-off>
 3. <https://www.flux-polymers.com/en/technology>

Event

Date Event/Website

28 Sep-2 Oct	World Dairy Expo 2021@Wisconsin, USA https://worlddairyexpo.com/
29 Sep	Interfiber Webinar, Chemico Myanmar Co., Ltd., Myanmar
5-7 Oct	Vitafoods Europe 2021@Geneva, Switzerland https://www.vitafoods.eu.com/en/welcome.html
7 Oct	CAHB Webinar: Health& Wellness Trend in Beverage, Chemico Myanmar Co., Ltd., Myanmar
7-9 Oct	K-Beauty Expo Korea 2021@Goyang, South Korea https://www.k-beautyexpo.co.kr/fairDash.do
15-17 Oct	The 14th Shanghai International Import and Export Food& Beverage Exhibition 2021@Shanghai, China http://www.importfoodfair.com/en/spring/
18-20 Oct	Beautyworld Japan West@Osaka, Japan https://beautyworld-japan-west.jp.messefrankfurt.com
20-21 Oct	Cosmetorium@Barcelona, Spain https://www.cosmetorium.es/en/
20-22 Oct	Food ingredients India & Health ingredients India 2021@New Delhi, India https://www.figlobal.com/india/en/home.html
25-28 Oct	SupplySide West & Food ingredients North America @Las Vegas, USA https://west.supplysideshow.com/en/home.html
27-30 Oct	Intercharm Autumn 2021@Moscow, Russia https://global.intercharm.ru/en-gb.html
30-31 Oct	BEAUTY FORUM MUNICH@Munich, Germany https://www.beauty-fairs.com/trade-shows/



Regulations

Use of Hemp in Cosmetics (finale)

The announcement of the Ministry of Public Health Thailand, subject: The Usage of Hemp in Cosmetics B.E. 2563, signed on 30 December 2020, the cosmetic products are divided into two groups.

- (1) Cosmetics with a risk of absorption into the body such as oral use, use on an intimate area or use in a soft gelatin capsule, must contain the THC contaminant at no more than 0.001 %
- (2) Any cosmetics other than (1) must contain the THC contaminant at no more than 0.2 %.

Any hemp-based cosmetics which violate the conditions are considered illegal for use. The manufacturer of such products will be subject to up to 5 years imprisonment or up to 500,000 baht fine, or both.

Additionally, the announcement specifies that all hemp-based cosmetics must display the warning label, stating that: "This product may cause allergy. In case of any irregularities, please discontinue the use immediately and consult your doctor or pharmacist."

In the case of oil-based cosmetics or soft gelatin capsules, a "Do not consume" warning label is also required.

Currently, the Food and Drug Administration (FDA) Thailand is executing announcements regarding other products to broaden the use of hemp. Please check out the information at the website: www.fda.moph.go.th.

Reference: www.fda.moph.go.th

To be continued next month.

News

Respharma Webinar, Jakarta, Indonesia

Respharma Srl together with PT. Kemiko Indonesia, Jakarta held a webinar entitled "Solution for Hair" on Monday, August 2, 2021. There were 43 customers attended the webinar with Mrs. Beata Troszynska as a speaker. The presentation was about ingredients and formulations with botanical and eco concept for hair care.



Chemico Myanmar Webinar, Myanmar

Chemico Myanmar Co., Ltd. together with Chemico Asia Health and Beauty (CAHB) Center organized a webinar about Anti-aging entitled "Aging Science Talks" on August 5, 2021. During the webinar, we talked about anti-aging theory and product formulations. We also presented about raw materials used in anti-aging products. Participants were interested in formulations and requested for prototype and raw material samples.



Chemico Inter Corporation Webinar, Thailand

Chemico Inter Corporation Co., Ltd. held webinars on August 11 and 13, 2021 under the same topic "Chinese Sun Care Trend 2021: Market and Raw Material Focus" created by DSM Nutritional Products (Personal Care). The webinar focused on market trends and DSM solutions as well as interesting formulations.



PT. Kemiko Indonesia, Jakarta

DCAC Center, in collaboration with PT. Kemiko Indonesia, Jakarta held a webinar entitled "Make Up Trend 2021 and Common Problem in Liquid Foundation" on August 25, 2021. The webinar contained 2 interesting topics. The first one was about "Global Make up Trends 2021" during the Covid-19 pandemic. This section brought up many quite well-known brands at this time, then continued with the second topic, "Common Problems in Liquid Foundation". This part contained questions and answers about problems that often happened when making liquid foundation. The presentation ended after a question and answer session between participants and presenters.

