



Greenlist Bulletin

This is the bulletin of the TURI Library at the University of Massachusetts Lowell. Greenlist Bulletin provides previews of recent publications and websites relevant to reducing the use of toxic chemicals by industries, businesses, communities, individuals and government. You are welcome to send a message to info@turi.org if you would like more information on any of the articles listed here, or if this email is not displaying properly.

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Toxic PFAS Chemicals Found in Artificial Turf

[Source: The Intercept](#)

Author: Sharon Lerner

PFAS chemicals have been identified in synthetic turf, according to lab tests performed on several samples of the artificial grass that were shared with The Intercept. The presence of the chemicals, members of a class that has been associated with multiple health problems, including cancer, adds to growing concerns about the grass replacement that covers many thousands of acres in parks, schools, professional sports stadiums, and practice fields around the U.S.

[Read more...](#)

See also [General Information on Hazards of Artificial Turf](#) and [Organic Grass as a Safer Alternative to Artificial Turf](#).

See also [Toxic Chemicals Are Found In Blades of Artificial Turf](#).

A New, Natural Wax Coating Makes Garments Water-Resistant and Breathable

[Source: Phys.org](#)

Author: Aalto University

There is a growing concern over the environmental impact of textile production and many waterproof products on the market are prepared with toxic chemicals. This is increasing demand for new sustainable material alternatives, but making non-toxic, breathable and waterproof textiles, sustainably and economically has thus far proven to be a challenge.

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See also [Cameo Chemicals Listing for Carnauba Wax](#).

For more non-fluorinated durable water repellents, see [Chemsec Marketplace](#) - select technical functions "water repellent agent" and "waterproofing agent".

Now Available: Updated TSCA Inventory with Unique ID Information

[Source: US Environmental Protection Agency](#)

On September 19, 2019, EPA posted the first public TSCA Inventory to include unique identifier (UID) information. The UID is a numerical identifier assigned to a chemical substance when EPA approves a confidential business information (CBI) claim for specific chemical identity.

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ECHA Proposes 18 Substances for Authorisation

[Source: European Chemicals Agency](#)

ECHA's ninth recommendation to the European Commission to prioritise substances of very high concern for authorisation includes 18 substances. Thirteen of these substances are toxic for reproduction, of which one has also endocrine disrupting properties. The other substances are an endocrine disruptor, a carcinogen, a very persistent and very bioaccumulative (vPvB) substance and two respiratory sensitisers.

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TURI note: This [list](#) includes some chemicals used in epoxy, such as BPA; some lead compounds, such as those used as PVC stabilizers; and two glycol ether solvents.

See also [Candidate List of Substances of Very High Concern for Authorisation](#).

Workers Are Falling Ill, Even Dying, After Making Kitchen Countertops

[Source: NPR](#)

Author: Nell Greenfieldboyce

Artificial stone used to make kitchen and bathroom countertops has been linked to cases of death and irreversible lung injury in workers who cut, grind and polish this increasingly popular material.

[Read more...](#)

See also ATSDR's [Toxicological Profile for Silica](#) and [Massachusetts Department of Public Health Occupational Lung Disease Bulletin on Silica and Silicosis](#).

Hannaford to Restrict Toxic Chemicals in Food Packaging, Beauty Products

[Source: Mainebiz](#)

Author: Renee Cordes

Hannaford Supermarkets parent company Ahold Delhaize on Thursday said it will restrict the use of toxic chemicals in its food packaging and beauty products, joining a growing number of retailers across the country that have taken similar measures.

[Read more...](#)

See also [Mind the Store's Retailer Report Card](#).

EPA Takes Two Important Steps Under PFAS Action Plan

[Source: US Environmental Protection Agency](#)

Today, the U.S. Environmental Protection Agency (EPA) sent two actions that address per- and polyfluoroalkyl substances (PFAS) to the Office of Management and Budget for interagency review. The agency's first action is [an advanced notice of proposed rulemaking that would allow the public to provide input on adding PFAS to the Toxics Release Inventory toxic chemical list](#). The second action is a supplemental proposal to ensure that certain persistent long-chain PFAS chemicals cannot be imported into the United States without notification and review by EPA under the Toxic Substances Control Act (TSCA), as amended by the Frank R. Lautenberg Chemical Safety for the 21st Century Act in 2016.

[Read more...](#)

See also [Wetland Microbe Detoxifies PFAS Contaminants](#).

Circular Economy & Product Design Mandates: EU Bans Halogenated Flame Retardants in Electronic Components and Imposes Reparability Obligations

[Source: The National Law Review](#)

Author: Ryan J. Carra, et al.

The European Commission (EC) has adopted a new set of eco-design requirements for ten categories of energy-consuming products, including refrigerators, washing machines, and televisions pursuant to the Ecodesign Directive (2009/125/EC). Under the new Ecodesign Regulations for Electronic Displays, the use of halogenated flame retardants in electronic display enclosures and stands will be prohibited effective March 1, 2021.

[Read more...](#)

See also [EU to bar sales of televisions with flame retardants in their casings](#).
