

Department of Legislative Services  
Maryland General Assembly  
2018 Session

FISCAL AND POLICY NOTE  
First Reader

House Bill 84 (Delegate Angel)  
Health and Government Operations

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Public Health - Child Care Products Containing Flame-Retardant Chemicals -  
Prohibition

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This bill expands current prohibitions related to child care products that contain more than one-tenth of 1% by mass of specified flame-retardant chemicals by (1) adding three chemicals to the list of prohibited chemicals, specifically “additive tetrabromobisphenol A” (TBBPA), decabromodiphenyl ether (decaBDE), and hexabromocyclododecane (HBCD); and (2) increasing the intended age of use from 3 to 12, as the threshold age for all affected products. Existing enforcement and penalty provisions related to prohibitions for specified products containing flame-retardant chemicals apply. “Additive TBBPA” means specified TBBPA in a form that has not undergone a reactive process and is not covalently bonded to a polymer in a product or product component.

The Maryland Department of Health (MDH) must adopt regulations to implement the bill by January 1, 2019.

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Fiscal Summary

**State Effect:** Minimal increase in general fund revenues beginning in FY 2019 due to existing civil penalty provisions. MDH can use existing resources to adopt the required regulations.

**Local Effect:** Enforcement can likely be handled with existing resources, assuming enforcement is complaint based. However, if complaint volume is high, local health department workloads may increase. Revenues are not affected.

**Small Business Effect:** Potential meaningful.

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## Analysis

**Current Law:** A “child care product” is a consumer product – including a baby product, toy, car seat, nursing pillow, crib mattress, and stroller – intended for use by a child younger than age three.

A person may not import, sell, or offer for sale any child care product that contains more than one-tenth of 1% (by mass) of (1) tris (1, 3-dichloro-2-propyl) phosphate (TDCPP) or (2) tris (2-chloroethyl) phosphate (TCEP). A person that violates this prohibition is subject to a civil penalty of up to \$1,000 for a first violation and \$2,500 for each subsequent violation. Further, a court may enjoin any prohibited action. The prohibition does not apply to the sale or distribution of a child care product that is resold, offered for resale, or distributed by a consumer for consumer use. The Secretary of Health may suspend implementation of the prohibition if the Secretary determines that the fire safety benefits of TDCPP or TCEP are greater than the associated health risks.

Under § 6-1202.1 of the Environment Article, a person may not manufacture, lease, sell, or distribute any product that contains more than one-tenth of 1% of decaBDE by mass. Any activity involving a product that contains decaBDE that occurs subsequent to first sale at retail is not subject to the prohibition. Additional exceptions apply, including allowing a retailer to continue selling a prohibited product if it was in its existing inventory when the prohibition went into effect. The prohibition was phased in – initially applying only to mattresses, upholstered furniture for residential use, and electrical or electronic equipment. Specified transportation equipment, military equipment, and components of transportation or military equipment were exempted for the first three years.

**Background:** In December 2009, the two U.S. producers of decaBDE, and the largest U.S. importer, announced commitments to phase out manufacture and importation of decaBDE for most uses in the United States by December 31, 2012, and to end manufacture and import for all uses by the end of 2013.

The U.S. Environmental Protection Agency (EPA) regulates the introduction of new or already existing chemicals through the Toxic Substances Control Act (TSCA). EPA has taken several regulatory actions related to HBCD including publishing a final significant new use rule under TSCA for HBCD, which went into effect in 2015, and requires any person who intends to manufacture or process HBCD for use in consumer textiles (other than for use in motor vehicles) to notify EPA at least 90 days before commencing that activity. EPA also added HBCD to the Toxics Release Inventory list of reportable chemicals in November 2016.

TDCPP (along with TCEP) is one of several phosphorus-based flame retardants referred to as “TRIS” chemicals. TDCPP, also known as chlorinated TRIS, remains in use as a

flame retardant for polyurethane foam, plastics, resins, and some fabric backings. TDCPP may be the most common flame retardant found in baby products with foam, including car seats, changing pads, and baby carriers.

The State of Washington enacted legislation prohibiting the sale of children's products or residential upholstered furniture with any product component that contains more than 1,000 parts per million of TDCPP, TCEP, decaBDE, HBCD, or additive TBBPA. The ban went into effect July 1, 2017.

**Small Business Effect:** Although existing federal measures limit the sale of several chemicals listed in the bill for consumer products and current law already prohibits the initial sale of products containing more than one-tenth of 1% of decaBDE by mass, the impact on small businesses may be meaningful as the bill does not provide for any phasing out of existing stock. Small business revenues decrease due to not being allowed to sell affected child care products that contain HBCD and additive TBBPA on or after October 1, 2018 (as well as any subsequent, such as consignment, sale of products containing decaBDE). In addition, any such products intended for children between the ages of 3 and 12 containing additive TDCPP or TCEP may no longer be sold.

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### **Additional Information**

**Prior Introductions:** HB 206 of 2017, a similar bill, received a hearing in the House Health and Government Operations Committee, but no further action was taken.

**Cross File:** None.

**Information Source(s):** U.S. Environmental Protection Agency, Maryland Department of the Environment; Maryland Department of Health; Department of Legislative Services

**Fiscal Note History:** First Reader - February 8, 2018  
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