

Restriction on the Production, Importation and Sales of Plate Packaging Materials, Regulated Recyclable Containers and Non-plate Disposable Tableware Containers Which Contain Polyvinyl Chloride (PVC)

Polyvinylchloride (hereinafter referred to as “PVC”) has been widely used and deeply involved in our daily lives for years. PVC products are often added with stabilizers due to the need for heat resistance substances which contain heavy metals that are harmful to human health. PVC materials are not resistant to oil-soluble corrosion; therefore, it is possible to have plasticizer contaminations in our foods, resulting in environmental hormone effects and carcinogenic risk due to the exposure to PVC. Furthermore, the combustion of PVC generates not only dioxin but also lead, cadmium, and other heavy metals originated from the stabilizers in PVC. The generated dioxin and heavy metals are discharged from the incinerator chimney into the atmosphere. Furthermore, large amounts of which remains in the ash and slag inside the incinerator. Further risks to the environment are followed by the burial and reusing process of the ash and slag, which causes a risk of serious environmental pollution.

Considering the fact that Dioxin is very difficult to decompose in natural environment, negative impacts of dioxin on human health and the environment will become significant once it has entered the food chain. In order to protect the health of the citizens and the environment, the Environmental Protection Administration of the Executive Yuan, R.O.C (Taiwan) guides the industry to switch to other alternative materials to reduce the use of products containing PVC by the consumers. “The restriction on the production, importation, and sales of plate packaging materials, regulated recyclable containers, and non-plate disposable tableware containers which contain Polyvinylchloride (PVC)” is

established in accordance with Article 21 of the Waste Disposal Act and it is outlined as follows:

- I. Terminology in this announcement. (Announcement 1)
- II. Products that are prohibited to use plate packaging materials, regulated recyclable containers, and non-plate disposable tableware containers which contain Polyvinylchloride (PVC) (Announcement 2).
- III. The restriction approaches and exclusions of this announcement (Announcement 3).
- IV. The recognition methods of the timing of production and importation (Announcement 4).

Restriction on the Production, Importation and Sales of Plate Packaging Materials, Regulated Recyclable Containers and Non-plate Disposable Tableware Containers Which Contain Polyvinyl Chloride (PVC)

Announcement	Remarks
<p>Subject: Establishing “The restriction on the production, importation, and sales of plate packaging materials, regulated recyclable containers, and non-plate disposable tableware containers which contain Polyvinylchloride (PVC)” which will take effect since <u>07/01/23</u> (MM/DD/YY).</p>	<p>Announcement title and effective date.</p>
<p>Reference: Article 21 of the Waste Disposal Act.</p>	<p>The legal basis of this announcement.</p>
<p>Announcement matters:</p> <p>I. Terminologies in this announcement are as follows:</p> <ol style="list-style-type: none"> 1. Plate packaging materials: It refers to the plastic lining, blister, and plate containers that should be recycled in accordance with Paragraph 2, Article 15 of this Act. 2. Plastic lining: It refers to the topless packaging material that is used as cushion and protection of the substances or products filled inside; it is restricted to which requires outer packaging and cannot be filled independently to become 	<ol style="list-style-type: none"> 1. Terminology in this announcement. 2. Plastic lining, for example, the inner lining of a biscuit box is used to protect the cookies from colliding and chipping. 3. Blister, for example, a single blister (seal the opening) that seals the cardboard and the product together, a double blister (half-folded box), and a folding box made of plastic plates folding and gluing together.

<p>a commodity.</p> <p>3. Blister: It refers to the processed PVC plate that is used as cushion and protection of the substances or products filled inside and makes the display of the product easier.</p> <p>4. Regulated recyclable containers : It refers to regulated recyclable containers in accordance with Table 2 of Paragraph 2, Article 15 of this Act.</p> <p>5. Regulated recyclable non-plate disposable tableware containers : It refers to regulated recyclable non-plate disposable tableware containers in accordance with Table 1 of Paragraph 2, Article 15 of this Act.</p> <p>6. Manufacturing industry: It refers to those engaged in manufacturing commodities.</p> <p>7. Import industry: It refers to the industry engaged in the importation of commodities.</p> <p>8. Sales business: It refers to those engaged in the wholesale, retail, gifting, or prize exchange business.</p>	
<p>II. The plate packaging materials, designated recyclable containers, and non-plate disposable tableware which contain PVC restricted by this announcement is limited to those filled with the following commodities:</p>	<p>1. Products that are prohibited to use plate packaging materials, regulated recyclable containers, and non-plate disposable tableware containers which contain Polyvinylchloride (PVC). In addition, considering the popularity</p>

<ol style="list-style-type: none"> 1. Food, animal food, and feeds: It refers to products that are edible for humans or animals. However, health foods specified by the Food and Drug Administration are excluded. 2. Dairy products: It refers to foods made from milk, processed milk, or milk powder. 3. Seasoning, vinegar, and salt: It refers to products used to prepare food. 4. Edible fat and oil: Refer to edible animal and vegetable fats and oils, mixtures or processed products. 5. Beverage: It refers to alcoholic-free water, and beverages containing sugar or other sweeteners or spices. 6. Mineral water, pure water, distilled water, and other packaged drinking water: It refers to packaged water that is filled with mineral water, pure water, distilled water, and other raw materials. 7. Alcohol: It refers to the alcohol defined in the Tobacco and Alcohol Administration Act. 8. Medicinal liquor: It refers to those having obtained the medicinal product license from the Ministry of Health and Welfare. 	<p>of alternative materials, the accessories of regulated recyclable containers are excluded from this announcement.</p> <ol style="list-style-type: none"> 2. The definition of a commodity is based on the Chinese National Standards (CNS) and the Standard Classification of Commodity of The Republic of China Code (CCC Code). 3. Due to factors such as the replacement of equipments with respect to packaging materials, the research and development of alternative materials, and long-term stability tests, considering the health foods that has been inspected and registered in accordance with the Health Food Control Act, the restricted scope of those above filled commodities is excluded.
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<p>9. Oral solution of amino acids and multiple vitamins: It refers to oral solutions made from amino acids and multiple vitamins.</p>	
<p>I. Those who use plate packaging materials, regulated recyclable containers, and non-plate disposable tableware containers which contain PVC for the commodities stated in the preceding paragraph, except for those already manufactured or imported before <u>07/01/23</u> (MM/DD/YY), manufacturing industry, importing industry, and sales industry are prohibited from manufacturing, importing, and selling it.</p>	<ol style="list-style-type: none"> 1. Please refer to the products listed in Table 2, Announcement 2 of the “Articles or packaging containers and responsible enterprise regulated recyclable waste management scope” announced by the Environmental Protection Administration with the Huan-shu-fei-zi No. 1080017159 was issued on March 14, 2019. The food commodities that are restricted to produce, import and sale are subjects of the restrictions. 2. This announcement uses an overall restriction approach in order to realize environmental protection. 3. Products that have been manufactured or imported before this announcement takes effect are excluded from the subject of restriction in order to minimize the impact on the restricted subjects.
<p>IV. The recognition of production or importation date is done by the preceding rules.</p> <ol style="list-style-type: none"> 1. Production date : recognize in accordance with the production date labeled on the product or the estimation based on the expiration date. 2. importation date : recognize in accordance with the date recorded on the import 	<p>The recognition of the timing of production and importation.</p>

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