

Regulatory Information Sheet

TABLE OF CONTENTS

Allergenic Substances
Animal Derived Substances
Bisphenol A
Chlorinated Polymers
Genetically Modified Organisms
Heavy Metals
Ink Curing Agents
Kosher and Halal Food
Nano-materials
Natural Rubber (“latex”)
Other Substances
Phthalic Acid Platicizers (“phthalates”)
Regulation 1895/2005 on the restriction of certain Epoxy Derivatives
Toys Safety Directive
Regulation (EC) N0 1907/2006 (REACH)
Packaging & Packaging Waste Directive

This paper is aimed at providing information relative to regulatory aspects and voluntary policies not addressed by the US FDA and EU Food Contact legislation. It shall always be read in conjunction with the Sealed Air’s regulatory statements relative to the specific products. All statements reported in this paper are reviewed by Sealed Air’s technical and legal experts and are released based on data and knowledge considered to be true and accurate. It shall be noted however that the information contained therein shall not be interpreted to guarantee that the product is suitable for its intended use and it is the responsibility of the user to ensure that the product is technically suitable for the purpose for which it is being used by the user.

The information contained in this paper is applicable to all products manufactured, distributed or imported by Sealed Air within Australia and New Zealand

Allergenic substances

Sealed Air food packaging materials do not contain allergenic substances, neither of natural nor synthetic origin, reported in the European Directive 2000/13/EC (on

labeling of food), and relevant amendments. This includes nuts, milk proteins, natural rubber and other relevant substances.

The anti-block powder on and inside our bags and films consists of food grade starch and other non-allergenic additives, and do not contain any intentionally added wheat or gluten based substances. The starch is used to reduce sticking between the surfaces thus making the process easier. The starch may contain Sulfur Dioxide at the maximum level of 0.02 mg /m² of film. This quantity is deemed not to cause any effect on the packaged food.

Animal Derived Substances

No substances from animal origin are intentionally added to the Sealed Air packaging materials. Starting substances used in the production of the raw materials used by us are either manufactured via chemical synthesis or subjected to drastic processing conditions so that any possible biological residue has disappeared.

Bisphenol A

Bisphenol-A (2,2-bis(4-hydroxyphenyl) propane) is a substance used as monomer in the production of Polycarbonate. Its use is ruled by Commission Regulation (EU) No. 10/2011, as well as Commission Regulation (EU) No 321/2011, subject to a Specific Migration Limit of 0.05 mg/kg of food. The use of Bisphenol A is not allowed for the manufacture of Polycarbonate infant feeding bottles.

Bisphenol-A may also be used as constituent of thermo-set coatings of metal cans.

Sealed Air does not use Polycarbonate in the production of its packaging materials, neither coating that contain Bisphenol-A as starting substances.

Chlorinated polymers

Products sold in ANZ by Sealed Air do not contain Polyvinyl Chloride (PVC).

Sealed Air has developed different technologies to provide its customers with packaging materials showing high protection of food from the Oxygen contained in the air, maintaining freshness and preserving nutritional and organoleptic properties of the food for extended periods of time. The solution adopted in Barrier Bags consists in the use of an extremely thin layer (a few thousands of millimeters) of Polyvinylidene Chloride (PVDC).

Monomer residues related to PVDC are addressed by the specific food contact legislation: quantities below the Specific Migration Limit do not pose any threat to health. The content of residual monomer in our structure is significantly below this limit. For further information please consult the Declaration of Compliance for the products of interest.

Scientific studies demonstrate that presence of Chlorine-based polymers in waste incineration plants has no influence in the formation of dioxines, as Chlorine from natural sources (which is needed for the formation of these compounds) is always present in billion fold excess. The most determining factors influencing formation of

dioxins are combustion conditions and design of the installation. Chlorinated polymers, like all other plastics, favorably promote full combustion conversion.

Genetically Modified Organisms

None of the raw materials used for the manufacturing of the Sealed Air's products is concerned by legal requirements applicable to Genetically Modified Organisms. The only exception is starch used as anti-block powder in our bags and films; the starch, as certified by our supplier, is entirely derived from GMO-free sources and it is stored, transported and handled so as to avoid any GMO cross-contamination.

Heavy Metals

As required by the European Directive 94/62/EC (see below, Section "Packaging Classification & Packaging Waste Directive") the combined content of heavy metals Mercury, Cadmium, Lead and Chromium VI does not exceed 100 mg per kilogram (or 100 ppm) of the final product.

Ink Curing Agents

As Sealed Air does not currently operate printing processes which include the use of UV-curable inks, any substance typical of these processes, such as photo-initiators like (but not limited to) 2-Ethylhexyl-4-dimethylaminobenzoate (EHDAB), 2-Isopropylthioxanthone (ITX), Benzophenone and Substituted Benzophenones are not present.

Kosher Food and Halal Food

Because of the absence of Animal Derived Products (see the relevant Section), we are of the opinion that the Sealed Air's packaging products are suitable for the packaging of Kosher and Halal foodstuffs.

Nano-materials

None of the products currently sold by Sealed Air contain nano-materials. Nano-materials are normally defined as materials in particles with size between 1 and 100 nanometers in at least one dimension, which have been deliberately engineered of such size to impart specific properties that are not present in particles of the same substance at different size.

Natural Rubber ("latex")

None of the products currently sold by Sealed Air contain natural rubber. Natural rubber is known to cause allergenic reactions and contact dermatitis in predisposed people.

Other substances

The Sealed Air's food packaging products are manufactured in accordance to the relevant laws or recommendations applicable to them. For further information the Declaration of Compliance relative to each specific product shall be consulted.

Substances not used in our products include the following:

- Substances subjected to Chemical Weapons Convention
- Perfluoro-octanesulfonic acid and its salts (PFOS)

Phthalic Acid plasticizers ("phthalates")

Plasticizers consisting of esters of the Phthalic Acid are often referred as "Phthalates". In facts, the term "Phthalates" identifies a much broader family of chemical substances, which in large part present no concerns in relation to food packaging materials.

Phthalic Acid plasticizers which have raised our customers' interest regarding their presence in our products are: Di-butyl Ester (DBP), Benzyl Butyl Ester (BBP), bis(2-Ethylhexyl) Ester (DEHP or DOP), and the Di-esters with primary saturated C8-C11 branched alcohols (e.g. Di-isononyl Phthalate, or DINP, and Di-isodecyl Phthalate, or DIDP).

The plasticizers mentioned above are addressed by Regulation 10/2011/EU; in particular such Regulation requires that these substances are used only in food contact plastic articles of repeated use, and, limited to BBP, DINP and DIDP, in articles of single use in contact with non-fatty food.

The Sealed Air's products are only intended for single use therefore the legislation does not allow the presence of DBP and DOP/DEHP. In facts, none of the Phthalic Acid plasticizers are intentionally used in the formulation of the Sealed Air's food packaging products.

Phthalic Acid esters, not exerting the function of plasticizers, might be present as residues in the raw materials used by Sealed Air. If present, these substances respect the limitations set by Regulation 10/2011/EC.

Sealed Air proactively discontinued the intentional use of Phthalic Acid plasticizers in our products and inks formulations since 1993.

Regulation 1895/2005 on the restriction of certain Epoxy Derivatives

Commission Regulation 1895/2005 relates to the restriction of certain substances used in the production of epoxy-based coating. These substances are: 2,2-Bis(4-hydroxyphenyl)propane-bis-(2,3-epoxypropyl)ether („BADGE“), Bis(4-hydroxyphenyl)methane-bis-(2,3-epoxypropyl)ether („BFDGE“) and Novolac-Glycidylether („NOGE“).

Since our materials are formulated without the use of epoxy-based coatings, Regulation 1895/2005 is not applicable to them.

Regulation (EC) NO 1907/2006 (REACH)

All Sealed Air suppliers for Business Unit FOOD PACKAGING, FOOD SOLUTION and SHRINK PRODUCTS have declared in writing their intention to pre-register and successively register all the substances contained in the materials supplied to Sealed Air, as required by Regulation (EC) No 1907/2006. Based on products' compositions and the REACH implementation time frame, we do not foresee any products' discontinuity caused by the above mentioned Regulation.

A list of Substances of Very High Concern (SVHC) is periodically published by the European Chemical Authority (ECHA). These substances are subjected to obligations which include information to users when they exceed 0.1% by weight in the finished product.

We herewith declare that Sealed Air's products do not contain SVHC (ECHA list updated to 20 September 2016) in a quantity exceeding 0.1% by weight.

Packaging & Packaging Waste Directive

All Food Care packaging material fulfil the requirements in the European Directive 94/62/EC of December 20th, 1994 on packaging and packaging waste, and subsequent amendments.

Measures to minimize use of resources - materials and energy - , while maintaining high products' performances have been adopted during the whole phase of the design and manufacturing of our products.

All our FOOD CARE products fulfil the relevant CEN norms and comply with the essentials requirements which are:

- Prevention by source reduction (EN 13428)
- Recovery by energy (EN 13431)
- Minimization of dangerous and hazardous substances
- Heavy metal: less than 100 ppm

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