January 23, 2018

Prepared for the customer of

Foster Corporation
45 Ridge Road
Putnam CT USA 06260

KYNAR® 1000 HD

To whom it may concern:

Thank you for your interest in the referenced product. This letter is provided in response to your request for regulatory compliance information. Please note that this letter is effective on the date created and supersedes any prior documents received.

REACH AND INVENTORY STATUS

Substance of Very High Concern (SVHC)

This paragraph concerns substances listed in the Candidate List of Substances of Very High Concern, in accordance with Article 59 of the European Regulation 1907/2006 effective: 01/15/2018

Based on the final product composition this product is not a Substance of Very High Concern and does not contain any SVHC substance(s) above the declaration threshold.

FOOD SAFETY

3A Sanitary Standards for Dairy Processing Equipment

3A Sanitary Standards concern testing and suitability of materials used as food contact surfaces of equipment for production, processing, and handling of milk and milk products. These standards do not apply to single use applications.

The test(s) completed and associated results are provided herein:

Procedure No. 20-27 for Multiple Use Plastic Materials PASS

Global Food Allergens

Allergens associated with eight major food groups including milk, eggs, fish, Crustacean shellfish, tree nuts, peanuts, wheat, and soybeans account for over 90% of the global food allergy concerns. Other potential allergens have also been identified in certain regions or populations. The commonly understood 'global' food allergens list provided herein is based upon the food allergenic substance listings in regulations in the U.S., Canada, European Union, Asia, and Codex Alimentarius.

This product is not intended for direct consumption as a food. Based on a review of the product composition, none of the substances are defined as or derived from:
Bee and bee products | Not Present
---|---
Certain Foods: Celery, Tomato, Yam, Apple, Orange, Peach, Kiwi, Banana, Mushroom, Chicken, Beef, Pork | Not Present
Coconut and coconut derivatives | Not Present
Crustacean shellfish, mollusks, fish and fish products. | Not Present
Egg and egg products | Not Present
Gelatin | Not Present
Milk and Milk Products | Not Present
Mustard, Lupine, sesame and their derivatives | Not Present
Other Gluten Containing Cereals | Not Present
Peanut and unrefined peanut derivatives | Not Present
Soy and unrefined soy derivatives | Not Present
Soy derived highly refined substances | Not Present
Sulfites > 10 ppm | Not Present
Tree nuts and unrefined tree nut derivatives | Not Present
Wheat, Wheat Varieties, and their Derivatives | Not Present

**Genetically Modified Organisms (GMO)**

A Genetically Modified Organism (GMO), for purposes of this review, is considered to be an organism that contains recombinant DNA elements. The genome of these organisms has been altered by insertion of foreign DNA sequences by means of genetic engineering. They are referred to as transgenic or bioengineered organisms. Determination of the presence of GMOs in our products is limited to chemical substances which may have been derived from genetically modified agricultural plants.

Based on a review of the final product composition, none of the substances in this product are expected to be sourced or derived from GMOs.

**CONSUMER SAFETY AND TOYS**

**Consumer Product Safety Improvement Act of 2008**

The U.S. Consumer Product Safety Improvement Act of 2008 bans certain phthalates at greater than 0.1 percent and bans total lead content greater than 100 ppm in children’s products in the final rule effective 04/25/2018.

Based on a review of the final product composition, this product is not known to contain phthalates or total lead above the regulatory threshold. Specific testing of the product under ASTM 963 or similar method was not performed.

**California Phthalates in Toys Law**

Health & Safety Code Section 108937 (AB 1108), January 1, 2009 regarding the manufacture, sale, or distribution in commerce any toy or child care article that contains a listed phthalate.

Based on a review of the final product composition, this product is not known to or expected to contain phthalates.

**Chemicals of High Concern to Children (CHCC) Maine**

38 MRSA Chapter 16-D, “Toxic Chemicals in Children’s Products” of Maine state requires manufacturers of children’s products to notify of presence of CHCC substances.
Based on a review of the product composition, this product is not known to contain CHCCs at or above 1 ppm.

Chemicals of High Concern to Children (CHCC) - Vermont
18 V.S.A. chapter 38A Chemicals of High Concern to Children Section 1773 Act 188 “An act relating to the regulation of toxic substances” of Vermont state requires manufacturers of children's products to notify of presence of CHCC substances.

Based on a review of the product composition, this product is not known to contain CHCCs at or above 1 ppm.

Chemicals of High Concern to Children (CHCC) Washington

Based on a review of the product composition, this product is not known to contain CHCCs at or above 1 ppm.

PHARMACEUTICALS AND MEDICAL DEVICES
ISO 10993 & USP Biocompatibility
Biocompatibility testing of our products related to USP Class VI and certain requirements of ISO Standard 10993-1 cannot assure the biocompatibility of final or intermediate products made from our products or the suitability of such products for their use in medical applications.

The test summaries provided herein are for informational purposes only and do not imply approvals for any specific medical device application:

USP Class VI: Acute Systemic Injection Test Extracted in Normal Saline, Alcohol in Saline, PEG 400 and Vegetable oil (Cottonseed or Sesame oil) at 50°C, for 72 hours. Injected in Mouse. Result: PASS

USP Class VI: Intracutaneous Irritation Test Extracted in Normal Saline, Alcohol in Saline, PEG 400 and Vegetable oil (Cottonseed or Sesame oil) at 50°C, for 72 hours. Tested with Rabbit. Result: PASS

USP Class VI: Intramuscular Implantation Test Implanted in Rabbit for 9 Days. Result: PASS

HEAVY METALS
CONEG Model Toxics in Packaging
Model Toxics in Packaging Legislation (also referred to as CONEG) concerns restrictions on the use of certain hazardous substances in packaging or packaging components (including printing inks used in packaging), and restricts the sum of the incidental concentration levels of lead, mercury, cadmium and hexavalent chromium present in the product to a level equal to or less than 100 parts per million by weight

Based on a review of the final product composition, this product is not known to contain CONEG substances at or above the 100 ppm reporting threshold.

POLLUTION PREVENTION-WASTE MANAGEMENT-ECOLABELING
Ozone Depleting Substances - US Clean Air Act
Ozone depleting substances (ODS) as defined in accordance with section 602 of the United States Clean Air Act (40 CFR Part 82).
Based on the product composition this product is not known or expected to contain Ozone Depleting Substances as defined by the regulation.

**ILFI - Red List Chemicals**

The International Living Future Institute (ILFI) has developed the “Red List” materials. Builders seeking to meet the certification requirements of the Living Building Challenge must verify the materials of construction do not contain the substance on the “Red List” above 100 ppm.

Based on a review of the product composition, this product is not known to contain substance(s) identified as ILFI Red List Chemicals above the reporting threshold.

**Restriction of Hazardous Substances (RoHS) - EU**

Restrictions on the use of certain hazardous substances in electric and electronic equipment as defined in Directive 2011/65/EU and any amendments prior to 11/21/2017

Based on a review of the final product composition, there are no RoHS substances known to be present above the reporting threshold.

**Restricted Substances in Electronic Information Products- China RoHS**

As defined by the 2006 Chinese Ministry released Administrative Measures on the Control of Pollution Caused by Electronic Information Products (EIP) # 39.

Based on a review of the final product composition, there are no listed substances known to be present above the reporting threshold.

**MISCELLANEOUS REGULATORY LISTS**

**California Proposition 65**


Please refer to the SDS for the most current information regarding the presence of any Proposition 65 listed chemicals.

**BSE/TSE and Animal Derived**

Bovine Spongiform or Transmissible Spongiform Encephalopathy  BSE/TSE transmission risk is associated with substances derived from certain animal tissues sourced from at risk regions as determined by The World Organisation for Animal Health (OIE). Disease transmission risk may be eliminated based on the substance position in the manufacturing chain. Chemical substances that are determined to meet the definition of highly refined or transformed have an insignificant risk of BSE/TSE infectivity.

Based on a review of the product composition, this product is not known or expected to contain substances which are animal derived or associated with BSE/TSE infectivity.

**OTHER**

**Specific Substance Review**

This section contains information on the presence of certain substances or substance groups without regard to a specific regulation. These substances may be subject to multiple regulations which have differing reporting thresholds.

All reviews for specific substances in this section are based on the known product composition at the threshold stated. No analyses were conducted.
BPA and Phthalates

The following BPA and Phthalates were reviewed at a threshold of 100ppm.

<table>
<thead>
<tr>
<th>Substance</th>
<th>CAS Number</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>1,2-Benzenedicarboxylic acid, di-C9-11-branched alkyl esters,</td>
<td>68515-49-1</td>
<td>Not Present</td>
</tr>
<tr>
<td>C10-rich (DIDP)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1,2-Benzenedicarboxylic acid, di-C9-11-branched alkyl esters,</td>
<td>68515-48-0</td>
<td>Not Present</td>
</tr>
<tr>
<td>C10-rich (DINP)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Benzyl butyl phthalate (BBP)</td>
<td>85-69-7</td>
<td>Not Present</td>
</tr>
<tr>
<td>Bis(2-ethylhexyl)phthalate (DEHP)</td>
<td>117-81-7</td>
<td>Not Present</td>
</tr>
<tr>
<td>Bis(2-methoxyethyl) phthalate</td>
<td>117-82-8</td>
<td>Not Present</td>
</tr>
<tr>
<td>Bisphenol-A (BPA)</td>
<td>80-05-7</td>
<td>Not Present</td>
</tr>
<tr>
<td>Bisphenol-F (BPF)</td>
<td>87139-40-0</td>
<td>Not Present</td>
</tr>
<tr>
<td>Dibutyl phthalate (DBP)</td>
<td>84-74-2</td>
<td>Not Present</td>
</tr>
<tr>
<td>Diisobutyl phthalate</td>
<td>84-69-5</td>
<td>Not Present</td>
</tr>
<tr>
<td>Diisodecyl phthalate (DIDP)</td>
<td>26761-40-0</td>
<td>Not Present</td>
</tr>
<tr>
<td>Diisononyl phthalate (DINP)</td>
<td>28553-12-0</td>
<td>Not Present</td>
</tr>
<tr>
<td>Diisopentylphthalate</td>
<td>605-50-5</td>
<td>Not Present</td>
</tr>
<tr>
<td>Di-n-octyl phthalate (DNOP)</td>
<td>117-84-0</td>
<td>Not Present</td>
</tr>
</tbody>
</table>

Glycol Ethers

The following of the glycol ethers were reviewed at a threshold of 100ppm.

<table>
<thead>
<tr>
<th>Substance</th>
<th>CAS Number</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>Butyldiglycol</td>
<td>112-34-5</td>
<td>Not Present</td>
</tr>
<tr>
<td>Diethylene glycol dimethyl ether (DEGDME)</td>
<td>111-96-6</td>
<td>Not Present</td>
</tr>
<tr>
<td>Diethylene glycol methyl ether (DEGME)</td>
<td>111-77-3</td>
<td>Not Present</td>
</tr>
<tr>
<td>Ethyldiethyleneglycol</td>
<td>111-90-0</td>
<td>Not Present</td>
</tr>
<tr>
<td>Ethylene glycol dimethyl ether (EGDME)</td>
<td>110-71-4</td>
<td>Not Present</td>
</tr>
<tr>
<td>Ethylene glycol ethyl ether (EGEE)</td>
<td>110-80-5</td>
<td>Not Present</td>
</tr>
<tr>
<td>Ethylene glycol ethyl ether acetate (EGEEA)</td>
<td>111-15-9</td>
<td>Not Present</td>
</tr>
<tr>
<td>Ethylene glycol methyl ether (EGME)</td>
<td>109-86-4</td>
<td>Not Present</td>
</tr>
<tr>
<td>Ethylene glycol methyl ether acetate (EGMEA)</td>
<td>110-49-6</td>
<td>Not Present</td>
</tr>
<tr>
<td>Ethylene glycol monobutyl ether (EGBE)</td>
<td>111-76-2</td>
<td>Not Present</td>
</tr>
<tr>
<td>Triethylene glycol dimethyl ether (TEGDME)</td>
<td>112-49-2</td>
<td>Not Present</td>
</tr>
</tbody>
</table>

Natural Rubber and Rubber Latex

The subject product composition was reviewed for the presence of the following substances identified as natural rubber:
Please note that we do not routinely analyze for additional substances that are not listed in the SDS. Unless otherwise indicated, the information provided herein is based upon information from raw material suppliers, product composition and knowledge of our manufacturing process. If a questionnaire was submitted we note that, as global regulatory requirements expand, we are receiving increasing numbers of requests from customers regarding the regulatory status of our products. Given this, it is no longer possible for us to individually complete each company's specific form. To respond to each customer in a timely and efficient manner, our company has developed a system to store and report the requested information. Use of this standardized system will allow us to properly track requests and responses and notify your company of changes when appropriate.

Dieuhuong Nguyen
Senior Product Safety Specialist
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