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.

Based upon a review of the final product composition, Arsenic, Beryllium, Lithium, Formaldehyde and Highly Volatile Organic Compounds are not known to be present in this product.

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: 01/16/2020

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.

REACH-Annex XIV-Authorisation list

This paragraph concerns substances subject to authorisation listed in Annex XIV of Regulation (EC) No 1907/2006. 02/07/2020

Based upon a review of the final product composition, substances listed in Annex XIV are not known to be present in this product.

REACH-Annex XVII-CMR

A “Carcinogenic”, “Mutagenic” or “Toxic for Reproduction” (CMR) for purposes of this review is defined by EU Regulation (EC) No 1272/2008 and regulated by Annex XVII of Regulation (EC) No 1907/2006, entries 28, 29 and 30 (restrictions regarding the placing on the market and uses) as of the effective date: 05/02/2018

Based upon a review of the final product composition, CMR substances categories 1A and 1B listed on appendices 1-6 of REACH Annex XVII are not known to be present in the above-mentioned product above the declaration threshold.

FOOD CONTACT MATERIALS

US FDA Food Packaging
Compliance with the US Federal Food, Drug and Cosmetic Act and all applicable food additive regulations requires that a product used as a food packaging material be evaluated based on regulatory status of each individual substance that comprises the product for each application food type and condition of use.

This evaluation encompasses a review of all listings in Title 21 Code of Federal Regulations, GRAS approvals, prior sanction letters, Threshold of Regulation (TOR) exemptions, or effective Food Contact Substance Notifications (FCN). Based on this review, the following applications of the subject product can be said to fully comply with the US Federal Food, Drug and Cosmetic Act and all applicable food additive regulations subject to the limitations provided herein. It is the responsibility of our customer to determine if the following clearances or cross-references to the clearances are appropriate for the final intended use.

21 CFR Sec. 177.2600
Rubber articles intended for repeated use.

(c)(4)(i) For use as an elastomer in the preparation of rubber articles intended for repeated use. Applications are limited to contact with foods of Types I, II, III, IV, V, VI, VII, VIII, and IX identified in table 1 of §176.170(c) of this chapter at temperatures not to exceed 150 °F.

According to the exclusion policy for printing inks and related products (March 2016 - 2nd edition), substances which are listed in Annex I of the exclusion policy, are excluded as raw materials for the manufacture of printing inks and related products.

Substances listed in Annex I are not known to be present in this product, based on the final product composition and the chemical nature of the raw materials.

FOOD SAFETY

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, EU Regulation No 1169/2011, 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:
### 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 raw materials information and final product composition, none of the substances in this product are derived from vegetable/plant sources. Therefore, substances derived from GMO are not expected to be present.

### CONSUMER SAFETY AND TOYS


Based on the product composition and its raw materials, allergenic substances are not known to be present in this product.

### 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:

ISO 10993-4: Modified ASTM Hemolysis (Direct Contact Method) Tested on Human Blood. Result: PASS
ISO 10993-4: Modified ASTM Hemolysis (Extract Method) Extracted in Phosphate Buffered Saline at 37°C for 3 hours. Tested with Human Blood. Result: PASS

ISO 10993-5: Cytotoxicity (MEM Elution) Extract tested on L-929 Mouse Fibroblast cells for 72 hours. Result: PASS

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 1 week. 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.

AUTOMOTIVE

Global Automotive Declarable Substances List (GADSL)

The Global Automotive Declarable Substances List covers substances that are expected to be present in a material or part that remains in the vehicle or part at point of sale. The list is available on the GADSL website. 02/01/2020

Substances listed in the Global Automotive Declarable Substances List are not known to be present in this product above the reporting threshold. The review was based on the known final product composition.

POLLUTON PREVENTION-WASTE MANAGEMENT-ECOLABELING

Hazardous Air Pollutants - US Clean Air Act Section 112

Under the Clean Air Act, US EPA is required to regulate emissions of hazardous air pollutants (HAPs). This original list included 189 pollutants. Since 1990, EPA has modified the list through rulemaking to include this assessment is based on the 187 substances identified by the EPA as hazardous air pollutants including the general class of glycol ether substances as defined by the Toxic Release Inventory (TRI) (EPA 745-R-00-004).

Based on the final product composition, this product is not known or expected to contain US HAPs as defined by the regulation.

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 amendments in force (including Directive (EU) 2015/863)
Effective date: 07/22/2019

The RoHS substances (and their reporting thresholds) are: Lead (0.1%), Mercury (0.1%), Cadmium (0.01%), Hexavalent chromium (0.1%), Polybrominated biphenyls (PBB) (0.1%), Polybrominated diphenyl ethers (PBDE) (0.1%), Bis(2-ethylhexyl) phthalate (DEHP) (0.1%), Butyl benzyl phthalate (BBP) (0.1%), Dibutyl phthalate (DBP) (0.1%), Diisobutyl phthalate (DIBP) (0.1%).
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
Substances as defined in Proposition 65 of the California Safe Drinking Water and Toxic Enforcement Act of 1986 and its amendments. Effective: 01/03/2020
Based on the final product composition this product is not known to contain CA Proposition 65 substances.

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.
### 1,2-Benzenedicarboxylic acid, di-C9-11-branched alkyl esters, C10-rich (DIDP)

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS Number</th>
<th>Presence</th>
</tr>
</thead>
<tbody>
<tr>
<td>1,2-Benzenedicarboxylic acid, di-C9-11-branched alkyl esters, C10-rich (DIDP)</td>
<td>68515-49-1</td>
<td>Not Present</td>
</tr>
<tr>
<td>Benzyl butyl phthalate (BBP)</td>
<td>85-68-7</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>Chemical Name</th>
<th>CAS Number</th>
<th>Presence</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:

<table>
<thead>
<tr>
<th>Substance</th>
<th>Presence</th>
</tr>
</thead>
<tbody>
<tr>
<td>cis 1,4 Polyisoprene</td>
<td>Not Present</td>
</tr>
<tr>
<td>Natural Rubber</td>
<td>Not Present</td>
</tr>
<tr>
<td>Polyisoprene, cis</td>
<td>Not Present</td>
</tr>
</tbody>
</table>
Halogenated (Cl and Br) Organic Compounds

The following halogenated organic compounds were reviewed at a threshold of 100 ppm.

<table>
<thead>
<tr>
<th>Compound</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>Epichlorohydrin</td>
<td>Not Present</td>
</tr>
<tr>
<td>Polybrominated Biphenyls (PBBs)</td>
<td>Not Present</td>
</tr>
<tr>
<td>Polybrominated Diphenyl Ethers (PBDEs and DecaBDE)</td>
<td>Not Present</td>
</tr>
<tr>
<td>Polybrominated Terphenyls (PBTs)</td>
<td>Not Present</td>
</tr>
<tr>
<td>Polychlorinated biphenyls (PCB)</td>
<td>Not Present</td>
</tr>
<tr>
<td>Polychlorinated naphthalenes (PCN)</td>
<td>Not Present</td>
</tr>
<tr>
<td>Polychlorinated terphenyls (PCT)</td>
<td>Not Present</td>
</tr>
<tr>
<td>Short Chain Chlorinated paraffins (SCCP)</td>
<td>Not Present</td>
</tr>
<tr>
<td>Tris(2-chloroethyl) phosphate (TCEP)</td>
<td>Not Present</td>
</tr>
</tbody>
</table>

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.

Bob Burns
Senior Product Safety Specialist
Arkema Inc.
900 First Avenue
King of Prussia PA USA 19464
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