Global Chemical Inventory Compliance

All components of this product are compliant with the country/region Chemical Inventories as per the following table or are exempt:

<table>
<thead>
<tr>
<th>Country/Region</th>
<th>Inventory</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>Australia</td>
<td>AICS</td>
<td>Yes</td>
</tr>
<tr>
<td>Canada</td>
<td>DSL</td>
<td>Yes</td>
</tr>
<tr>
<td>Europe</td>
<td>EINECS</td>
<td>Yes</td>
</tr>
<tr>
<td>Europe</td>
<td>ELINCS</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Japan</td>
<td>ENCS</td>
<td>Yes</td>
</tr>
<tr>
<td>China</td>
<td>IECSC</td>
<td>Yes</td>
</tr>
<tr>
<td>Korea</td>
<td>KECI</td>
<td>Yes</td>
</tr>
<tr>
<td>Canada</td>
<td>NDSL</td>
<td>Not applicable</td>
</tr>
<tr>
<td>New Zealand</td>
<td>NZIoC</td>
<td>Yes</td>
</tr>
<tr>
<td>Philippines</td>
<td>PICCS</td>
<td>Yes</td>
</tr>
<tr>
<td>United States</td>
<td>TSCA</td>
<td>Yes</td>
</tr>
</tbody>
</table>

GTable Regulations

ELINCS
Not applicable

Food Regulations

Allergens (Food)

This product has been evaluated for the source of the raw materials used in its production. There are no raw materials, including additives, that have their origin in peanuts, soybeans, milk, eggs, fish, shellfish (mollusks), crustaceans, tree nuts, mustard, celery, sesame, sunflowers, lupine, animal or vegetable proteins, caffeine, monosodium glutamate (MSG), colorants (including Carmine and cochineal), corn, wheat, barley, rye, triticale, gluten, mushrooms, yams, and/or phenylalanine and its derivatives. No sulfates, sulfites, or sulfur dioxide are used in the synthesis of this material. Based on this examination of the ingredients and their sources, this product is free of the specified known allergy stimulating food substances.

Animal Derived Components (BSE/TSE)

This product is made from raw materials that have no animal origins. There are no animal derived products used in the
production or in the process of this product. Therefore, Bovine Spongiform Encephalopathy (BSE) / Transmissible Spongiform Encephalopathy (TSE) should not be a concern associated with the use of these products.

**Halal**

With regards to Halal status, this product is free of wheat, oat, barley or rye derivatives. Although this product has not been officially certified by a Islamic council, we believe this product is judged to be permitted under Muslim standards. We are disclosing above information, to the best of knowledge based upon data from our raw material suppliers and our manufacturing process.

**Kosher**

The raw materials used in the manufacture of this product are derived from non-animal sources. There is no animal fat, no animal derived materials, grain derived, or fermentation products used in this product. The product is not certified as kosher but will comply with the kosher dietary laws. Therefore, this product can be used with kosher products without compromising the status of the products.

**General/Global Regulations**

**Composition Statement**

For information on the components of Dow product(s) and their concentration, please refer to the Material Safety Data Sheet (MSDS) and the Sales Specification. Any hazardous constituent at and above 1% (by weight) and carcinogens recognized by IARC, NTP or OSHA at and above 0.1% will appear in the ingredients section of the MSDS for these products. In addition, consult the Hazardous Decomposition Products section of the MSDS and the Sales Specification for further information.

Dow does not routinely analyze for additional materials that are not listed in the MSDS or Sales Specification. The materials listed below are not intentionally added to this product, and therefore are not expected to be present.

- Alkylphenol ethoxylates
- Aluminum
- Antimicrobials
- Antimony
- Arsenic
- Barium
- Beryllium
- Bisphenol A
- Cadmium
- Chlorinated fluorocarbons (CFCs)
- Chlorinated solvents
- Chromium
- Cobalt
- Copper
- Dibenzodioxines
- Dibenzofuran
- Dioxin
- Ethylene oxide
- Flame retardants
- Formaldehyde
- Fungicides
- Glycol ether compounds
- Hydrochlorofluorocarbons (HCFCs)
- Lead
- Magnesium
- Melamine
- Mercury
- Mercury
- Molybdenum
Nanomaterials  
Natural rubber or latex  
Nickel  
Nonylphenol  
Nonylphenol ethoxylates  
Perfluorooctane Sulfonate (PFOS) or Perfluorooctanoic Acid (PFOA)  
Persistant bioaccumulative toxic chemicals (PBTC)  
Pesticides  
Phthalates  
Polychlorinated biphenyls or terphenyls (PCB, PCT)  
Polyphenyl biphenyls  
Selemium  
Sewage sludge  
Silver  
Thallium  
Trichlorophenols  
Zinc

**Fluorotelomers, Perfluorooctanoic acid (PFOA) and Derivatives**

This product is not intentionally manufactured or formulated with Fluorotelomers, Perfluorooctanoic acid (PFOA), or Perfluorooctane sulfonate (PFOS).

**Materials from Genetically Modified Organisms**

This product does not contain, nor has it been manufactured at any stage with, genetically modified organisms (GMOs).

**Phthalates**

This product is not intentionally manufactured or formulated with the following phthalate esters; however, we do not analyze for these specific substances or compounds.

- Butyl benzyl phthalate (BBP) CAS 000085-68-7
- Diethyl hexyl phthalate (DEHP) CAS 117-81-7
- Diethyl phthalate CAS 000084-66-2
- Diisobutyl phthalate (DIBP) CAS 000084-69-5
- Di-iso-decyl phthalate (DIDP) CAS 26271-40-0
- Di-isononyl phthalate (DINP) CAS 28553-12-0
- Dimethyl phthalate CAS 131-11-3
- Di-n-butyl phthalate (DBP) CAS 000084-74-2
- Di-n-hexyl phthalate (DnHP) CAS 000084-75-3
- Di-n-octyl phthalate (DNOP) CAS 117-84-0.

**Europe Middle East Africa and India Regulations**


Caustic Soda (=sodium hydroxide) is listed in BfR Recommendation XXXVI on Paper & Board in Section VIII (preservatives).

**EU Directive 2011/65/EU (RoHS)**

This directive applies to the recycling of finished consumer electronic equipment. As we do not manufacture consumer goods, this regulation is not directly applicable to our products. However, in order to assist you with the determination of the finished good against the RoHS Directive, we are confirming that heavy metals, polybrominated biphenyls (PBBs), or polybrominated diphenyl ethers (PBDEs) are not used in the manufacture of the referenced product. If any of these substances happen to be present, they would be there only as possible trace contaminants. Please note, we do not test this product for the presence of these substances.
EU Directive 2012/19/EU on Waste Electrical and Electronic Equipment (WEEE)

This statement is intended to provide information on our product so that you may assess the consequences of these directives on the electric and electronic (E&E) articles you manufacture and place on the EU market, or materials you supply to the affected industry.

EU Directive 2012/19/EU on WEEE: Selective treatment of the waste (Article 8.5 and Annex VII): Article 8.5 requires that the waste management schemes (to be) set up by the producers, individually or collectively, ensure that the waste will be selectively treated for materials and components of the E&E waste in line with the requirements of Annex VII.

None of the following substances listed in Annex VII are intentionally added or used in the manufacture of this product:
- Asbestos
- Brominated flame retardants
- Refractory ceramic fibers
- Chlorofluorocarbons (CFC)
- Hydrochlorofluorocarbons (HCFC)
- Hydrofluorocarbons (HFC)
- Hydrocarbons (HC)
- Mercury
- Ozone depleting gases
- Polychlorinated biphenyls (PCB)
- Polychlorinated terphenyls (PCT)
- Radioactive substances

REACH


North America Regulations

California Proposition 65 (Safe Drinking Water and Toxic Enforcement Act of 1986)

This product contains no listed substances known to the State of California to cause cancer, birth defects or other reproductive harm, at levels which would require a warning under the statute as of the effective date of this regulatory datasheet.

Canadian Environmental Protection Act Challenge Substances

This product is not intentionally manufactured or formulated with the Batch Lists of Canadian Environmental Protection Agency (CEPA) Challenge Substances released as of the effective date of this document. However, we do not analyze for these specific substances.
(http://www.chemicalsubstanceschimiques.gc.ca/challenge-defi/index-eng.php)

Conflict Minerals (Dodd-Frank Wall Street Reform and Consumer Protection Act)

This product is not intentionally manufactured or formulated with the listed conflict minerals as per Section 1502 of the Dodd-Frank Wall Street Reform and Consumer Protection Act; however, we do not analyze for these specific substances or compounds.
- Columbite-Tantalite - refined into Tantalum (Ta) (CAS # 7440-25-7)
- Cassiterite - refined into Tin (Sn) (CAS # 7440-31-5)
- Wolframite - refined into Tungsten (W) (CAS # 7440-33-7)
- Gold (Au) (CAS # 7440-57-5)
For more information please visit Dows Corporate Website - https://corporate.dow.com/en-us/about/codes-of-conduct

Volatile Organic Compounds (VOC)
With regard to Volatile Organic Compounds (VOC) content, one Environmental Protection Agency (EPA) definition of a VOC is any compound of carbon excluding carbon monoxide, carbon dioxide, carbonic acid, metallic carbides or carbonates, and ammonium carbonate and excluding compounds which have negligible photochemical reactivity such as: ethane, methane, and also methylene chloride, perchloroethylene and acetone, which are Dow products. For other compounds, see 40 Code of Federal Regulations Section 51.100(s) and check for any recent Federal Register notices possibly exempting other negligibly reactive VOCs. Since state or local governments and some specific EPA regulations may be more restrictive than the definition above, please check these sources also.

Under this broad definition, this product is not a VOC.

Product Stewardship
The Dow Chemical Company and its subsidiaries (“Dow” have a fundamental concern for all who make, distribute, and use its products, and for the environment in which we live. This concern is the basis for our Product Stewardship philosophy by which we assess the safety, health, and environmental information on our products and then take the appropriate steps to protect employee and public health and our environment. The success of our product stewardship program rests with each and every individual involved with Dow products—from the initial concept and research, to manufacture, use, sale, disposal and recycle of each product.

Customer Notice
Dow strongly encourages its customers to review both their manufacturing processes and their applications of Dow products from the standpoint of human health and environmental quality to ensure that Dow products are not used in ways for which they are not intended or tested. Dow personnel are available to answer your questions and to provide reasonable technical support. Dow product literature, including safety data sheets, should be consulted prior to use of Dow products. Current safety data sheets are available from Dow.

Medical Applications Policy
NOTICE REGARDING MEDICAL APPLICATION RESTRICTIONS: Dow will not knowingly sell or sample any product or service (“product” into any commercial or developmental application that is intended for:

a. long-term or permanent contact with internal bodily fluids or tissues. “long-term” is contact which exceeds 72 continuous hours;
b. use in cardiac prosthetic devices regardless of the length of time involved ("cardiac prosthetic devices" include, but are not limited to, pacemaker leads and devices, artificial hearts, heart valves, intra-aortic balloons and control systems, and ventricular bypass-assisted devices);
c. use as a critical component in medical devices that support or sustain human life; or
d. use specifically by pregnant women or in applications designed specifically to promote or interfere with human reproduction.

Dow requests that customers considering use of Dow products in medical applications notify Dow so that appropriate assessments may be conducted. Dow does not endorse or claim suitability of its products for specific medical applications. It is the responsibility of the medical device or pharmaceutical manufacturer to determine that the Dow product is safe, lawful, and technically suitable for the intended use. DOW MAKES NO WARRANTIES, EXPRESS OR IMPLIED, CONCERNING THE SUITABILITY OF ANY DOW PRODUCT FOR USE IN MEDICAL APPLICATIONS.

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