

REGULATORY DATA SHEET AMERICAS

EBECRYL® 645 RADIATION CURING RESINS

CAS number / Composition

Allnex is not providing the CAS number(s) or full composition of their products, because this is confidential and proprietary information. Please refer to the Safety Data Sheet for more information on the hazardous and regulated components of this product.

Inventory Information

United States (USA): All components of this product are designated as “Active” on the TSCA Inventory or are not required to be listed.

Canada: All components of this product are included on the Domestic Substances List (DSL) or are not required to be listed on the DSL.

European Economic Area (including EU): When purchased and shipped from an Allnex legal entity based in the EEA (EU or Norway), this product is compliant with the registration of the REACH Regulation (EC) No. 1907/2006 as all its components are either excluded, exempt and/or registered.

Australia: All components of this product are included in the Australian Inventory of Industrial Chemicals (AIIC) or are not required to be listed on AIIC.

China: All components of this product are included on the Chinese inventory or are not required to be listed on the Chinese inventory.

Japan: All components of this product are included on the Japanese (ENCS) inventory or are not required to be listed on the Japanese inventory.

Korea: All components of this product are included on the Korean (ECL) inventory or are not required to be listed on the Korean inventory. When purchased from Allnex Korea or Chemart distributor this product is compliant with the ARECs (the Act on the Registration and Evaluation, etc. of Chemical Substances). All its components are either excluded, exempt, pre-notified and/or registered. When purchased from another allnex entity, please contact PSRA-KREACH@allnex.com to check the possibility to be covered by our Only Representative.

New Zealand: This product is approved or exempt under the Hazardous Substances and New Organisms (HSNO) Act.

Philippines: All components of this product are included on the Philippine (PICCS) inventory or are not required to be listed on the Philippine inventory.

Taiwan: All components of this product are included in the Taiwan chemical substance inventory or are not required to be listed on the Taiwan chemical substance inventory (TCSI).

Heavy Metals

Cadmium, hexavalent chromium, lead and mercury have not been intentionally added or used during the manufacturing process. Therefore, this product should meet in principle the heavy metals limits of the following:

- EU Directive **2000/53/EC** (and amendments) on the end-of-life vehicles (ELV)
- EU Directive **94/62/EC** (and amendments) on packaging and packaging waste
- **CONEG** (Coalition of Northeastern Governors), 1994.

U.S. Ozone Depleting Substances (ODCs)

This product does not contain Class I or Class II Ozone Depleting Substances as listed by the U.S. EPA (ref:

<http://www.epa.gov/ozone/science/ods/index.html>). These substances are not intentionally added to the product or used during its manufacturing process. We do not measure their levels in our finished products since these compounds are not expected to be present.

U.S. Hazardous Air Pollutants (HAPs)

This product may contain trace levels (<1%) of Hazardous Air Pollutants (HAPs) listed under the U.S. Clean Air Act. Please contact Allnex if further information is required.

TSCA 12(b) Export Notification Substances

Please consult section 15 of the U.S. Safety Data Sheet of our product for more information on the presence of TSCA 12(b) Export Notification Substances in a concentration above the EPA-established de-minimus level.

California Proposition 65:

This product may contain trace levels (<1%) of California Proposition 65 listed substance(s). Please contact Allnex if further information is required.

Conflict Minerals

This product is not regulated by the reporting rules for Conflict Minerals as it does not contain any of the Conflict Minerals covered by the Dodd-Frank Act and the SEC Rule of the United States. Reportable Conflict Minerals are cassiterite, columbite-tantalite, wolframite and gold or their derivatives tin, tantalum, and tungsten sourced from the Democratic Republic of the Congo (DRC). Organic derivatives of the Conflict Minerals are not reportable according to the SEC.

Chemical Weapons Convention (CWC)

This product does not contain the substances listed as Toxic chemicals or Precursors in Schedule 1, 2 or 3 of the Chemical Weapons Convention. These substances are not intentionally added to the product or used during its manufacturing process. We do not measure their levels in our finished products since these compounds are not expected to be present.

Animal Derived Material Status

This product is free from animal derivatives. Animal derived materials are not intentionally added to the product or used during its manufacturing process.

Genetically Modified Organisms (GMO)

Genetically Modified Organisms are not intentionally added to our product or used in its manufacturing process. Therefore we believe that this product is free from Genetically Modified Organisms.

RoHS - EU Directive 2015/863/EU on the Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment

To the best of our knowledge, this product does not intentionally contain lead, mercury, hexavalent chromium, polybrominated biphenyls (PBBs), polybrominated diphenyl ethers (PBDEs), bis(2-ethylhexyl) phthalate (DEHP), butyl benzyl phthalate (BBP), dibutyl phthalate (DBP), or diisobutyl phthalate (DIBP) in concentrations greater than 0.1% by weight, nor does it intentionally contain cadmium in a concentration greater than 0.01% by weight. It remains the user's responsibility to satisfy himself as to the suitability and completeness of this information for his own particular use and to ensure the compliance of the finished product with the applicable legislation.

Substances of Concern

This product is not intentionally manufactured or formulated with the chemicals listed below. However, we do not analyze for these specific substances or compounds.

Fluorine

Bromine

Organic brominated substances

PBBs & PBDEs

(59536-65-1/32534-81-9/32536-52-0/92-66-0/92-86-4/101-55-3/1163-19-5/2052-07-5/2113-57-7/13654-09-6/3635-01-8/36483-60-0/40088-45-7/40088-47-9/49690-94-0/59080-40-9/61288-13-9/63936-56-1/67774-32-7/68928-80-3/2050-47-7)

Other organic bromides

Flame retardants

DBDE/ OBDE/ PeBDE/ PBB/ TEPA/TDCP/ TCEP

(1163-19-5/32536-52-0/32534-81-9/59536-65-1/545-55-1/40120-74-9/115-96-8)

Perfluorooctanoic acid and perfluorooctane sulfonate PFOA&PFOS

Polycyclic aromatic hydrocarbons

91-20-3/50-32-8/83-32-9/208-96-8/120-12-7/56-55-3/192-97-2/205-99-2/205-82-3/191-24-2/207-08-9/218-01-9/53-70-3/206-44-0/86-73-7/193-39-5/85-01-8/129-00-0

Phthalates

(131-11-3/84-66-2/84-69-5/84-74-2/131-18-0/84-75-3/85-68-7/84-61-7/117-81-7/117-84-0/84-76-4/28553-12-0/267-61-40-0/131-16-8/27554-26-3/71888-89-6/68515-49-1/41451-28-9/146-50-9)

Azo compounds that can release aromatic amines

Beryllium compounds

Free formaldehyde

Radio substances

Nonyl phenols and nonylphenol ethoxylates

(104-35-8/104-40-5/127087-87-0/20427-84-3/25154-52-3/26027-38-3/26523-78-4/27176-93-8/27177-05-5/27177-08-8/27986-36-3/28679-13-2/37205-87-1/37251-69-7/37340-60-6/51938-25-1/68412-53-3/68412-54-4/7311-27-5/84852-15-3/9016-45-9)

Organotin compounds

Boron compounds

Asbestos and its compounds

Food allergic substances

(Egg, Milk, Wheat, Buckwheat, Peanuts, Crustacean shellfish, Fish, Tree nuts, Soybeans, Cereals containing gluten, Celery, Mustard, Sesame, Lupin, Molluscs)

The regulatory information provided in this sheet replaces all the previous answers relating to these subjects.

If you require additional regulatory information concerning our product, please contact:

email: PSRA-Customer-Requests@allnex.com

For other information contact us at:

website: <http://www.allnex.com/contact>

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