

# Grey Colorant

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Effective Date: August 26, 2021

## GREY COLORANT FOR KYNAR (PVDF)

### Product Manufacturer

This product is used with manufactured by Eldon James Corporation, Denver, CO U.S.A.

### Manufacturing Facility Certifications

ISO 9001-2008 certification.

### Chemical Inventories

Please see SDS for chemical inventory listings.

### Food Contact Status/Food Allergens

This product does not intentionally contain any of these substances identified as food allergens or derivatives of these food allergens: including the following substances or their derivatives: peanuts, crustacean, fish, eggs, tree nuts, milk, soybeans, cereals, celery, sesame seeds, mustard, lupine, mollusks, sulfur dioxide, carmine/cochineal, Yellow No. 5 or 6, materials of biological origin, MSGs, autolyzed yeasts or hydrolyzed proteins.

### US Pharmacopeia (USP) / European Pharmacopoeia (EPHC)

This colorant by itself is not approved under FDA guidelines nor meets USP or EU Pharmacopeia requirements.

### Animal Derived Components (BSE/TSE)

This product does not intentionally contain any animal sourced materials of TSE/BSE concern.

### Plant Derived Components, Kosher and Halal

This material does not intentionally contain any animal sourced materials and is not considered Kosher or Halal certified.

### REACH 219 Substances (July 8, 2021))

Based on the information provided to use by our raw material supplier, confirm that this product does not contain any REACH SVHC candidate substances above the applicable threshold (0.1%) as updated by the European Chemical Agency.

### RECAST 2011/65/EU & Directive 2015/863/EU (RoHS 3).

Restriction on the use of Hazardous Substances: lead, hexavalent chromium, polybrominated biphenyls (PBB) and polybrominated diphenyl ethers (PBDE) flame retardants, at levels of greater than 0.%; cadmium and mercury at levels greater than 0.01%; and Pentabromodiphenylether, Octabromodiphenylether, and Decabromodiphenyl oxide, In concentrations higher than 0.1%; and HCDD, DEHP, BBP, DiBP, and DBP in concentrations greater than 0.1%.

### EU Directive 2011/65/EU Restriction of Hazardous Substances (RoHS2)

Our product does not intentionally contain the following: Lead, Mercury, Cadmium, Hexavalent Chromium, PBB (polybrominated biphenyl), PBDE (polybrominated diphenyl ethers) and phthalates as required by Directive 2011/65/EU, requires that the total of Lead, Mercury, Cadmium, Hexavalent Chromium in packaging shall not exceed 100ppm.

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### **Heavy Metals (ELV Directive 2000/53/EC) Coalition of Northeastern Governors (CONEG)**

All raw materials used for the manufacture of the products are expected to meet the heavy metal requirements of Article 11 of EU Directive 94/62/EC on packaging and packaging waste and the USA CONEG regulation, requires that the total of Lead, Mercury, Cadmium, Hexavalent Chromium in packaging shall not exceed 100ppm. This product complies with current CONEG legislation based on the information provided to us by our raw material supplier, this product contains no known residuals of lead, mercury, cadmium, or hexavalent chromium. Further, lead, mercury, cadmium, and hexavalent chromium have not been intentionally to or introduced as an element during the manufacturing or distribution of this product or its packaging; at or above restricted concentrations (100 ppm).

### **European Directive (94/62/EC) Packaging and Packaging Waste EU Directive 2012/19/EU Waste Electrical & Electronic Equipment (WEEE)**

Restriction on use of: lead, mercury, hexavalent chromium, polybrominated biphenyl (PBB) and polybrominated diphenyl ether (PBDE) flame retardants, at levels of greater than 0.1%; cadmium, at levels greater than 0.01%; and Pentabromodiphenylether, Octabromodiphenylether, and Decabromodiphenyl oxide, in concentrations higher than 0.1%; and HBCDD, DEHP, BBP, DiBP, DBP in concentrations greater than 0.1%.

Based on the information provided to us by our raw material suppliers and their formulation reviews, this product does not contain RoHS/WEEE substances above listed concentrations and would therefore in compliance with the European RoHS/WEEE regulation.

### **European Regulation (EC) No. 1895/2005 (BADGE, BFDGE, NOGE)**

We do not use 2,2-bis(4-hydroxyphenyl) propane bis (2,3- epoxypropyl) ether (BADGE), bis(hydroxyphenyl)methane bis(2,3-epoxypropyl) ethers (BFDGE) or novolac glycidyl ethers (NOGE) in the manufacture or formulation of this product.

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

The California Safe Drinking Water and Toxic Enforcement Act of 1986 (California Health and Safety Code), better known as Proposition 65, requires the governor of California to publish a list of chemicals known to the state to cause cancer or reproductive toxicity. The California Environmental Protection Agency (Cal/EPA), which administers Proposition 65, has been delegated the authority to develop and revise this list.

The product in question contains the below listed Prop 65 substances, if in their pure form are listed on the Prop 65 chemical list. *The supplier considers these substances bound in the polymer matrix of the finished good and not biologically available.*

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

Conflict Minerals in the Democratic Republic of Congo or Other Covered Countries (Restriction on use of tin, tantalum, tungsten and gold in any shape or form purchased from Democratic Republic of Congo or Other Covered Countries "Congo". Based on the information provided to us by our raw material supplier and their formulation reviews, this product does not contain any potential conflict mineral substances (tin, tantalum, tungsten and gold).

### **Ozone Depleting Chemicals (ODCs)**

Based on the information provided to us by our raw material supplier and their formulation review, this product does not contain any Ozone Depleting substances (Class I & II), BADGE, BFDGE and NOGE substances. We do not routinely test for these substances and do not intentionally add or use these substances in the manufacture or handling of the above products.

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### Phthalates

Based on the information provided to us by our raw material suppliers evaluation on this products formula and the materials handling and processing procedures used to produce them and their formulation review, we do not intentionally add or use any of these materials in the manufacture or handling of the above products and do not test for these phthalate plasticizers, (specifically; DEHP/DOP, DBP, BBP, DINP, DPP, DIDP, DnBP, DiBP, DnPP, DEHT, DOTP, DBO, DNHP, DEP and DNOP).

### Additional Substance Information

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

Novolac Glycidyl Ethers (NOGE)  
Phthalates / Phthalate esters  
Plasticizers  
Polybrominated Biphenyls (PBB's)  
Polybrominated Diphenyl Ethers (PBDEs)

### Shelf Life and Expiration Date

Eldon James has tight controls on inventory, so finished products are manufactured and sold quickly. Consequently, raw materials are stored for a relatively short time before use in the manufacturing process. Eldon James cannot commit to a shelf life on products, but we stand by the quality and use of new raw materials. Resin manufacturers usually make no commitment on shelf life. Eldon James does not make any claims regarding Expiration Date because our customers use our products in many different applications and conditions. Eldon James cannot make any assessment or claims regarding expiration. Each individual condition and application must be tested by the customer to determine the limits of each product, material, and use.

### Use of this Regulatory Information Data Sheet

The information provided as requested is intended to be used for informational purposes only. The information is provided on a without prejudice basis and should not be viewed as giving technical advice, instruction, or otherwise. The information is furnished free of charge and is based on supplier knowledge and understanding. Eldon James Corporation makes no representation or warranty as to the completeness or accuracy of the information contained herein. It is intended for use by persons having technical skill, at their own discretion and risk, who will make their own determination as to its suitability for their purposes prior to use. As with any material, evaluation of any compound under end-use conditions prior to specification is essential. Ultimately, customers must make their own determination that use of this product is safe, lawful, and technically suitable for their intended applications.