

Epoxicolor® 615B (Black)

Epoxicolor® 615D-1 (Red)

Epoxicolor® 615G (White)

Premium Color Paste Concentrates

The Epoxicolor® 615B (Black) & Epoxicolor 615G (White) Color Paste are high quality dispersion of premium pigments in a high performance bisphenol A epoxy resin carrier. These color pastes are solvent free and free of other volatile materials. The pigments are non-migratory and very chemical resistant with only strong acids and bases being considered likely to have any significant effect.

These color pastes are used to tint epoxy, polyurethane and many other types of polymers. They are compatible with most epoxy and polyurethane systems and with some polyester and PVC formulations. These color pastes allows for the uniform coloration of many polymer systems with little or no effect on the cured properties of the resins to which they are added. The suggested applications include adhesives, castings materials, encapsulants, and coatings, but many other applications are possible.

Product	Color	Pigment Type	Epoxy Resin Content
Epoxicolor 615B	Black	Carbon Black (non-conductive)	90% - 94%
Epoxicolor 615D-1	Red	Mixture	45% – 55%
Epoxicolor 615G	White	Titanium Dioxide	52% - 58%

SUGGESTED PROCESSING GUIDELINES:

To use, mix the required quantity of Epoxicolor paste into the resin until the mixture is uniform. A maximum of 3% by weight of the resin is recommended for most applications. Higher levels can be used, but at higher levels and adjustment to the mix ratio of the resin and hardener may be necessary to retain the full properties of the cured system.

Mixing the Epoxicolors with each other can yield custom blends for color matching, aesthetic or other purposes.. Blends of the Epoxicolors with each other are generally stable throughout the shelf-life of colorants. Blends of the Epoxicolors into most epoxy resins and in most polyols are also stable for extended periods, but blends of the Epoxicolors into amine hardeners, isocyanates or other curative may cause a gelation of the mixture over time and so should be done only when the mixture will be used immediately.

STORAGE GUIDELINES:

Store these materials in a clean, cool and dry environment in their tightly closed original containers. Protect from extended exposure to temperatures below 15°C (59°F). Crystallization may occur if the material is exposed to cold for extend periods. If this occurs, heat the entire

container for 2-4 hours at 50°C to 60°C to re-liquefy the material. Allow to cool to ambient temperature and re-mix prior to using. If the recommended storage conditions are observed the products will have a shelf-life of at least 24 months from the date of shipment.

HANDLING PRECAUTIONS:

Mandatory and recommended industrial hygiene procedures should be followed whenever these products are being handled and processed. For additional information please consult the corresponding material safety data sheets.

PERSONAL HYGIENE:

CAUTION! May cause eye & skin irritation. Prolonged or repeated skin contact may cause allergic skin reactions. Harmful if inhaled or swallowed. Avoid contact with eyes, skin, or clothing. Wear eye protection and impervious gloves when handling. Wash thoroughly after handling. Avoid breathing vapor or mist. Keep containers closed when not in use. Use only with adequate ventilation. Do not take internally.

FIRST AID

In case of contact:

Skin – Immediately wash skin thoroughly with mild soap and water. Remove contaminated clothing and wash before reuse. Destroy contaminated shoes and other articles made of leather.

Eyes – Immediately flush eyes with plenty of water for 15 minutes and get prompt medical attention.

Inhalation - Remove person to fresh air. Administer oxygen or artificial respiration if necessary. Call a physician.

Ingestion - Do not induce vomiting. Dilute with plenty of water and contact physician immediately. Never give anything by mouth to an unconscious person.

DISCLAIMER:

IMPORTANT: The following supercedes Buyer's documents. **SELLER / MANUFACTURER MAKES NO REPRESENTATION OR WARRANTY, EXPRESS OR IMPLIED, INCLUDING OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.** No statements herein are to be construed as inducements to infringe any relevant patent. Under no circumstances shall Seller / Manufacturer be liable for incidental, consequential or indirect damages for alleged negligence, breach of warranty, strict liability, tort or contract arising in connection with the product(s). Buyer's sole remedy and Seller's sole liability for any claims shall be Buyer's purchase price. Data and results presented are based on controlled or laboratory work and must be confirmed by Buyer by testing for its intended conditions of use. The product(s) has not been tested for, and is therefore not recommended for, uses for which prolonged contact with mucous membranes, abraded skin, or blood is intended; or for uses for which implantation within the human body is intended

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Note : Epoxicolor 615B & 615G were known as EpoPro 615B & 615G respectively prior to June 1, 2011. This was a name change only. The formulations & specifications remain unchanged.