



POLYMER OVERVIEW: BIO-POLYURETHANES, POLYUREAS, AND MEGA-POLYMERS

Polymer Overview

Greenovation Group's high-strength, sustainable polymer products offer exceptional performance in demanding environments and applications. Polymer types include: Bio-Polyurethane foams, No-VOC coatings and Polyureas, and Mega-Polymers in spray, cast, or pour formulations.

Our polymers incorporate ground-breaking formulations, removing VOCs, CFCs, and HCFCs. Many polymers are vegetable-oil based, water-based, and water-blown; removing dangerous chemicals which can damage the environment.

Greenovation Group polymers are now available to the domestic and international marketplace as high performance replacements for traditional polymer products. Look to BioRigid, CastorFlex, ClearMatrix, RoofMatrix, StormMatrix, ChemMatrix, FireMatrix, BlastMatrix, and BallisticMatrix to solve your most difficult application challenges.

Applications

Interior/Exterior Protective Coatings, Heat, Fire, Impact, Abrasion, Corrosion, Chemical, Blast, Ballistic, Storm, Insulation, Flotation, Absorption, Automotive, Marine, Building/Construction, Industrial, Food Processing, Manufactured Products, Laminates, Composites, and a multitude of custom applications.

Who We Are...What We Do

Greenovation Group is a sustainability consulting and project development company dedicated to the success of our clients. We develop and implement economically-viable energy resource solutions and performance-based operational practices. We also co-develop, specify, and offer superior sustainable products.

Contact us now for an initial consultation

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“Bottom-Line” results by applying “innovative resource solutions” throughout your organization

Our Polymers in a nutshell

Product Qualities

- High Performance in demanding interior/exterior coating, structural, product manufacturing, strength, and temperature environments
- Multiple Product Lines, Densities, and Performance Applications
- Heat, Fire, Impact, Abrasion, Corrosion, Chemical, Blast, Ballistic, UV, and Storm/Weather Rated as desired
- Custom Formulations to Meet Client Specifications

Product Formulation

- Vegetable Oil or Solids Based
- Water-based, Water-blown
- No-VOC, No-CFC, No-HCFC
- Fire Retardant Class I/A and higher per customer specification: ASTM E-84-10b, ASTM E-176, UL #723, NFPA #255, FMVS302
- Two-Component Ready-to-Mix
- MSDS, Chemical, ASTM, and Fire Testing Available

Product Availability

- Manufacturing and Application Licenses
- 10, 100, 500 gallon sets
- Large Quantity Supply Chain available for Product Manufacturers