



VertecBio™ FRP

Bio-Based FRP Resin Cleaning Solvent

Description

VertecBio™ FRP cleaning and thinning bio-solvent based product has been specifically designed to replace commonly used acetone but equally useful as a replacement for toluene, xylene, methyl ethyl ketone (MEK) xylene, methyl isobutyl ketone (MIBK), methylene chloride, N-methylpyrrolidone (NMP), methyl n-propyl ketone (MPK), mineral spirits and other hazardous petroleum-based solvents used in Fiber Reinforced Plastic (FRP) composites production and laboratory environments. It is a highly effective solvent for uncured resins such as unsaturated polyester, vinyl esters, polyurethanes and epoxies. VertecBio™ FRP is free from environmentally hazardous ingredients, completely biodegradable, safer for human exposure and non-carcinogenic.

Vertec Bio™ FRP patented co-blend formulation is a highly effective at stripping and cleaning industrial mixers, eliminating contaminants on chrome rolls and nip rollers, flushing feed pipes and hoses, cleaning gelled spray tips and nozzles, and removing resin, polymer and gel from rollers, brushes, laboratory instruments, hand tools and other equipment. Our lower volatility and no-HAP (Hazardous Air Pollutant) bio-solvents provide a clean and film free surface.

VertecBio™ FRP bio-solvent is a proven to work effectively in the most demanding of laboratory and production environments. No more trial and error or disappointments with exaggerated claims. It just works.


Benefits


- High performance cleaning solvent for uncured composite resins
- Excellent Solvency for unsaturated polyester, vinyl esters, polyurethanes and epoxies
- Outstanding for cleaning tools and process equipment
- No film residue and moderate dry time
- Does not promote corrosion or pitting of metals – does not contain water and is immiscible in water
- 100% biodegradable to carbon dioxide and water
- Sweet and pleasant fragrance

Vertec BioSolvents, Inc.

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Downers Grove, IL USA

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 www.VertecBioSolvents.com


Sales and Distribution

PolyGroup Inc.

Cincinnati, OH 45140 USA

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Safety and Environment

- Safer for human exposure and non-carcinogenic
- No environmentally hazardous ingredients and 100% biodegradable
- Made from renewable resources/reduce Green House Gas (GHG)
- Low vapor pressure (slower rate of evaporation)
- Reduces state regulated/reported emissions
- Opportunity for hazardous waste reduction
- Recyclable with separation of solids
- No Ozone Depleting Chemicals (ODC)
- No Hazardous Air Pollutant (HAP)
- Not SARA 313 reportable
- Non-hazardous under Resource Conservation and Recovery Act (RCRA)
- No California Proposition 65 listed ingredients
- No global warming compounds
- Ships “Non-Regulated” under Department of Transportation (DOT) Guidelines
- EPA approved Significant New Alternatives Policy (SNAP) solvent. Refer to <https://www.epa.gov/snap>

TECHNICAL DATA

Flash Point...133°F AS TMD93 closed cup
Vapor Pressure.....0.54 mmHg @ 68 F
Specific Gravity.....0.988
Evaporation Rate.....0.14
Vapor Density..... 4.6
Boiling Point..... 300°F

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