

# We Just Changed The Game.

## REVOLUTION P O L Y M E R

Revolution™ is not the next step in gel coats. It is a radical, quantum leap for the marine industry. Revolution is flexible at its core, providing unsurpassed weather and water resistance. Revolution is easier to apply and is at a price point that will please your purchasing department.

### The Revolution started at the molecular level.

So how do you revolutionize the weather and water resistance of polymer coatings? As the industry's leading coatings technology experts, HK Research realized we had to start at the core — the molecular structure.

Using a proprietary polymer grafting technique, HK Research completely re-engineered the polymer's molecular makeup:

- Modified resin backbones
- Grafted polymer chains
- Controlled uniform molecular weights
- Flexible cross-links
- Ordered monomer grafting minimizes UV degradation
- Maximized application characteristics
- Increased transfer efficiency
- Tight polymer network reduces water permeation



So what do you get from all of this molecular manipulation?  
A truly unique, user-friendly, grafted polymer matrix called "Revolution."



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## Prepare your marine products for the Revolution.

Polyester gel coat technology has changed very little over its 70 year life. Today's marine gel coats are still based on that same tired old technology. Until now.

## Revolution is ready to flex its muscle in the marine marketplace.

So what makes Revolution different from the same tired old technology? The ability to "flex" due to the changes in its molecular structure.

Revolution has multiple reactive sites that allow superior cross-link density and inherent flexibility. While providing outstanding in-shop application properties, Revolution Polymer offers the best weathering properties and water resistance – all at a price competitive with traditional gel coats.

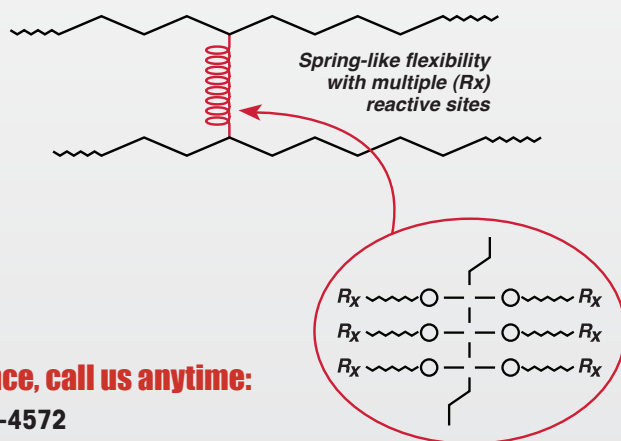
### Revolution meets or exceeds all the requirements necessary to offer a superior polymer coating:

- User-friendly application
- Applied with traditional equipment
- Easily repaired
- Averages 6% Tensile elongation
- Reduces stress fracturing
- Thermal crack resistance to -40°C

### For expert technical assistance, call us anytime:

(800) 334-5975 or fax (828) 328-4572

### Revolution Grafted Polymer



## The Revolution begins at HK RESEARCH.

HK Research is the industry's gel coat expert because gel coats are our first and only focus. Like all HK products, Revolution Polymer is specially engineered to deliver outstanding performance in the shop and in the field. Our fully automated facility produces the world's most advanced, consistently reproducible marine products. Barrel to barrel, our coatings deliver superior protection that will last longer and maintain a new appearance for years to come. They adapt easily to your production process, saving you time and money on every run. And, should you ever encounter any problems, you'll always get the expert solutions you need directly from a live technical specialist, never an automated phone system.

We call this level of constant protection and performance "Processability." And that's why more marine manufacturers are trusting HK Research for the best technology available.

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