



NOT JUST A NAME...
ECOLOGICAL
... A WAY OF LIFE.



ecologicalfibers, inc.
ENVIRONMENTALLY SOUND COVER SOLUTIONS



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GREENEST
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COATING
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TO DO.

- JOHN QUILL - PRESIDENT

ACCEPTING THE CHALLENGE & LEADING THE INDUSTRY...

AT ECOLOGICAL FIBERS we continue to dedicate ourselves to setting the highest example of ecological stewardship in our industry, not because it is easy, but because it's the right thing to do. When you choose to incorporate Ecological Fibers' materials into your projects, you are not only choosing a quality product, you are choosing a way of life and a partnership dedicated to ensuring that your resources go towards the preservation of our planet for generations to come.



Luxury Packaging



Publishing



Security Documents

Our constant innovation and promise to enhance and improve our products, practices and methods ensure that we will continue on the path towards a greener, more ecologically friendly future for all. Our commitment to eliminate environmentally hazardous materials from our products has been successful. We have replaced solvent-based materials still being used by our competitors with our environmentally friendly water-based coatings, allowing us to maintain a level of environmental friendliness.

THE TEN COMMANDMENTS OF ECOLOGICAL STEWARDSHIP & PRACTICES

1 NO *harmful solvents*

2 NO *hazardous air pollutants (HAPS)*

3 NO *hazardous heavy metals*

4 ALL *Ecological Fibers paper products must be compliant to REACH, ROHS and CPSIA Regulations.*

5 Clean water in...
Cleaner water out. *Our in-house water treatment plant removes all coating solids and releases clean, treated water back into the environment.*

6 ALL *new raw materials are reviewed for compliance before receiving.*

7 ALL *raw materials used in manufacturing must have an SDS (Safety Data Sheet) on file for any employee to review.*

8 EMPLOY *the highest standard of ecologically sound manufacturing processes.*

9 PROVIDE *a safe and healthy work environment for our employees*

10 MANUFACTURE *products that are environmentally safe for our customers and our planet.*

THE ECOLOGICAL WAY

In 1972, Ecological Fibers, Inc. was founded on progressive environmental principles and policies. Coating paper was a dirty business back then, and we knew that it was up to us to lead the way towards creating a more environmentally friendly industry. “We all have a vested interest. At the end of the day, there needs to be that feeling of responsibility, that the longer we allow the old ways to continue the bigger the problems we ultimately create. Ecological has always been at the forefront of that positive change,” said John Penatzer, Vice President of Operations.

Dave Robbins, Senior Vice President of Sales added, “in the 20 years I’ve been here, the converting plant has doubled in size and the coating plant has grown 50 percent. We’ve come a long way in the coating technologies we use. It was a fight to make our products better while removing the hazardous content, but we’ve accomplished it. Time has shown it was the right path, but it was not an easy one at all.”

President John Quill recently explained, “we did not become the greenest paper coating company in the world because it was an easy thing to do. We did it because it was the RIGHT thing to do.” Robbins added, “we want to be proud of what we do. You don’t want to look back and wish you’d done something differently. It was our goal to make the cleanest covering materials in the world, and that’s what we’re doing.”

It all began with founder Stephen Quill, when he converted a paper coating factory in Rhode Island from a chemically contaminated area featuring a building held together with blast doors and clips (designed to allow the roof to release in case of chemical explosion), into the cleanest cover material manufacturer in the world. “When Steve first went down there and saw this he said no, we won’t continue down this road... we’re going to do it clean or we’re not going to do it at all,” explained Robbins.



Ecological Fibers has the unique ability to produce materials sought after by the most luxurious brands in the world without the use of any harsh chemicals or heavy metals

Mike O'Keefe, Senior Product Manager noted, "when you take ownership of a business you also take ownership of its history. You must do your due diligence and ask what was this before? The Quill's investigated and their results showed that the old business would take their solvent and heavy metal pigment waste and dump it into the ground outside the plant. Trailer truck loads of contaminated soil were taken out to be treated to remove any hazardous contaminants before the cleaned soil was brought back. That's where we have our garden now, blooming with Azaleas, Hydrangeas, and all kinds of beautiful plants. That is the spot where the old factory would dispose of their chemicals."



Thanks to Ecological Fibers' green initiatives, Hydrangeas now bloom where hazardous chemicals were once dumped

"There are some strict standards out there and it's just going to keep getting stricter the more people realize they want clean paper. We're already there," said Robbins, "at the store I show my wife and kids products that we've been a part of, and I'm proud of them. We've developed materials for clients where we were asked to meet new specifications in an environmental way. We didn't know if we could do it. It was difficult, but we did it and not everyone else can say that. We're developing products that are functional and beautiful, and at the end of their use can be thrown into the recycling bin."



Ecological Fibers' Rainbow® colored paper and Sierra® woven fabric have been featured on the each of the covers in the original Harry Potter hardcover series.

“ We’re doing something that’s difficult; we’re putting a water-based coating on products and at the end of the day, it’s passing strict environmental standards from Europe to Asia to the U.S. Not everybody can do it and I’m proud of that. ”

-Dave Robbins, Senior Vice President of Sales

BEING GREEN IS OUR WAY OF LIFE

No use of hazardous solvents
or heavy metals.

All coatings are 100% water based
and solvent free, with no PCB,
PVB or carcinogens present

Our manufacturing processes
are approved and require ZERO
regulation from the EPA

100% Environmentally clean
coating operation

All Rainbow® uncoated papers
are acid free, lignin-free,
elemental chlorine-free
and archival

In 2017 we recycled over
1.1 million pounds of paper
saving over 9,300 trees

We use 100% natural gas
emitting 30% less CO₂ than oil.

All facilities use motion
detection energy
efficient lighting

Our in-house waste water
treatment system filters
1.2 million gallons of
water annually and
produces 700 tons
of solid waste
for compost



ecologicalfibers, inc.

ENVIRONMENTALLY SOUND COVER SOLUTIONS

FSC CERTIFIED PRODUCTS

(RA-COC-003258)

RAINBOW® 70

RAINBOW® 80

RAINBOW® 100

RAINBOW® 500

RAINBOW®
WOODGRAIN®

IMAGINE™

ESSEX™

RAINBOW® BIBLE
LX ENDLEAF

ECO-COVER™ (17, 22, 25)

ECO-PRINT II

EXCEL®

EXPOSE™

EXTREME™

FLEXBOARD™

LUMINA®

LUMINA®
PEARLESCENT

MATADOR®

MIRAGE®

RADIANCE®

RAINBOW® 17 & 22

RAINBOW® 3

RAINBOW® LX

ULTIMA®

ULTIMA® 7

FLEXPAK®

GREY BACKLINER

GALAXY®

ACCOMPLISHMENTS & CERTIFICATIONS



- Zero air emissions achieved and sustained
- Treatment of waste water – discharged clean into public sewage system
- Factory sites waste recycled
- EPA Earth Day Certificate Award
(Environmental Protection Agency)
- FSC Certified products
(Forest Stewardship Council)
- EU REACH compliant products
(Registration, Evaluation, Authorization and Restriction of Chemicals)
- RoHS compliant products
(Restriction of Hazardous Substances)

- TSCA compliant products
(Toxic Substances Control Act)
- CPSIA compliant products
(Consumer Product Safety Improvement Act)
- ISO 8124 PART 3 compliant products
(related to safety of toys, element migration)
- ASTM F963 compliant products
(Standard Consumer Safety Specification for Toy Safety)
- CA Proposition 65 compliant products
(regulates environmental health hazard substances)
- EN 71 compliant products
(EU Toy Safety Directive Testing)



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