



Four  
Reasons to *Feel Good* about your  
**Fabric Choice**

 **eco**TEXTILES™  
INDULGENT YET RESPONSIBLE



○ Ecotextiles is changing the way textiles are made by proving that it's possible to enjoy luxurious, high performance fabrics that are:

**SAFE**

safe enough for an infant to chew on.

**SUSTAINABLE**

responsibly spun, dyed and milled from ecologically grown fibers.

**UPPER-ECHELON**

high-performance, top-quality fabrics that rank among the best.

**AUTHENTIC**

our green is true blue.



# SAFE

*Use it in your baby's bedroom.*

The growth curve of Autism appears to be doubling every 2 years. The rate has increased from 1 in 10,000 in 1994 to 1 in 166 in 2005. In 2007, it was 1 in 150. Other illnesses are rising at alarming rates also.

Is it the water? Global warming? We can't point to one answer, but most scientists agree cumulative exposure to pollutants manifests itself in illnesses, many of which are reaching epidemic levels.

Health concerns were the driving force behind the two sisters who founded O Ecotextiles. It took a great deal of research, but they eventually discovered textile producers who avoided dangerous chemicals while still creating high-echelon fabrics.

Most of our yarns are certified by Oeko Tex to Standard 100. Oeko Tex is a third party certifier; it measures the chemicals in fabrics which are known to impact human health. Their standard 100 is the most stringent, which means these yarns are safe enough for infants to put in their mouths.

We invested more than two years of research in our dyes in order to achieve color consistency, colorfastness and

complete absence of toxicity. Our dyes meet EU and Global Organic Textile Standards to be free of AZO colorants (a cancer causing toxin that is used in many dyes), heavy metals and aromatic amines and the dyestuffs are completely biodegradable (except for some of the blues which can contain copper).

Some O Ecotextiles yarns are woven into the fabric at a mill in southern Italy that has been in the same location for over 100 years. This mill uses absolutely no sizers or de-sizers, in fact it uses no chemicals at all throughout their production process, avoiding chemical baths that could leave residues we absorb in our lungs through off-gassing and through our skin by contact.

See other examples of our efforts to keep you healthy and happy by visiting our Web site at [oEcotextiles.com](http://oEcotextiles.com).



# SUSTAINABLE

*Protect our lovely earth.*

Many of the chemicals used to dye and finish fabrics are known to harm human health, and they're dissolved in the wastewater expelled by textile mills. About one-half of the world's wastewater problems are linked to the production of textile goods.

The clippings from conventional fabric mills are so loaded with dangerous chemicals they are often handled like toxic waste, while the products made from these materials are considered safe for use in the home.

O Ecotextiles wants to change all that by setting a good example. It is possible to produce beautiful, eco-friendly textiles.

Our enlightened partner in Japan uses bacteria and enzymes to neutralize chemicals, and returns wastewater to the ecosystem that meets stringent Japanese drinking water standards. He bleaches fabric not with chlorine but with ozone, in which the only byproduct is oxygen.

O Ecotextiles prefers to use long-tow, old-world fibers such as flax (linen), hemp and bamboo. We only use cotton that was grown by organic Peruvian farmers in a region with very high annual rainfall. This is an important

consideration because even organic cotton is a very thirsty crop, and crop irrigation contributes to the production of alkaline deserts in vast areas around the world.

Our hemp fibers are grown by independent Romanian farmers who use no pesticides, insecticides, fungicides or synthetic fertilizers.

The harvest is dew or field retted: the farmers leave the stalks in the fields to allow dew and rain to break down the natural lignin. The Romanian rettery removes the fibers from the stalk that are then spun into yarn without chemicals, preserving the strength and beauty of the long fibers. Chemical shortcuts can "cottonize" and weaken the fibers.

Dew or field retting is a labor-intensive and time-consuming job, so other farmers are turning to chemical retting. But by supporting our farmers, we're protecting the earth and helping to keep this traditional method alive.

See other examples of sustainable farming and production by visiting our Web site at [oEcotextiles.com](http://oEcotextiles.com).



# UPPER ECHELON

*Rank it at the top.*

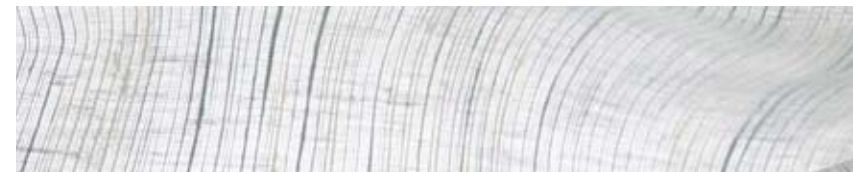
There's no need to sacrifice comfort and style when you choose earth-friendly, safe and healthy fabrics by O Ecotextiles. If you've seen our offerings close-up, we say no more.

If not, here's a peek at a few of our fabrics.



## LOPEZ

Fresh and flowing, it reflects our desire to simplify. It is crisp and clean, almost architectural in its timeless classic form.



## TYEE

Lustrous, healthy and very workable, with stripes of colored linen and silk shot through a translucent linen background.



## OZETTE

A rare, open weave casement fabric of pure linen. The colors and pattern are highlighted against an opaque background.



# AUTHENTIC

*Ask for the data.*

At O Ecotextiles, we back up our claims with research.

Our fabrics are predicted to meet GreenGuard standards. They were tested by an ISO9001:2000 registered IAQ (Indoor Air Quality) testing lab, which measured the out-gassing of nasty chemicals. Our results were very impressive, well below limits set by the USGBC to allow fabrics to accrue LEED points for low emitting materials.

This test, a combination of gas chromatography/mass spectrometry and high performance liquid chromatography, lasts for 24 hours. A small piece of fabric is placed in a closed chamber. The chemicals out-gassed for the first 24 hours at a given temperature and pressure are extrapolated to predict the results for the equivalent of a room volume. Based on decay rates for various chemicals, the test predicts the results after 168 hours (the GreenGuard requirement). So based on those parameters, and the results you see below, our fabrics passed with flying colors.

The passing grades and our actual grades are:

Chemical measured	LEED requirement	O Ecotextiles Fabric Group #1	O Ecotextiles Fabric Group #2
TVOC - Total Volatile Organic Chemicals	.25 mg/m <sup>3</sup>	.048 mg/m <sup>3</sup>	.02 mg/m <sup>3</sup>
HCHO (formaldehyde)	25 parts per billion	<1 part per billion	<1 part per billion
Total aldehydes	50 parts per billion	< 1 part per billion	1 part per billion

We're happy to send you more detailed lists of the 22 chemicals actually tested and not just the grouping of the chemical categories should you want it.

Group 1 Fabrics: Chinook, Lopez, Ozette, Ross Lake

Group 2 Fabrics: Shoto, Tacoma, Rogue River, Hardy Organic Hemp



## DISCOVER MORE

Enter the ethical, exceptional world of O Ecotextiles.

Visit our Web site for a list of our showrooms,  
or ask your designer for O Ecotextiles.

