

Burnley Enterprises, Inc.

Corporate office at:

P.O. Box 380

Kitchen Kettle Village

Intercourse, Pa. 17534

Phone: 717768-8261

e-mail: kkvjjim@kitchenkettle.com

Fax: 717-768-3614

"a specialty retail company"

03/01/04

Vectra

Bob Barnett

Vectra

761-C Miami Circle

Atlanta Ga. 30324

Dear Bob;

I am writing you today because of our conversation about Vectra's extraordinary other values. We have been selling Vectra, as you know, for a long time as water and stain protector for suede and leather garments. A few years ago we realized how it would help out quilters when making quilts, because unfortunately sometimes they will prick their fingers and blood will get on the material. By using Vectra before the quilt is started the stain is easily cleaned.

Not long ago I tested two Polo shirts in black and was happy to see that it also protected against color fading. Your product is just exceptional!

We sell a lot of leather bags in our stores, and we have also found that it will protect against "cropping". This happens when an unlined leather bag allows the color to run because of the small particles of suede falling from the backside of leather. Of course when a bag is lined this is not necessary. When the bag is not lined we just turn the bag inside out and spray it. It is like the Vectra acts as glue. The items inside of the purse do not pick up anywhere's near as much of the color form the inside of the bag.

Just thought you would like to know.

Sincerely,

James K. Burnley
President
Burnley Enterprises, Inc.

HURST RESEARCH

643 HWY 211 NE, WINDER, GEORGIA 30680 770-867-3187

August 8, 1996

Mr. Robert Barnette
Vectra Enterprises, Inc.
761C Miami Circle, N.E.
Atlanta, Georgia 30324

RE: Ultraviolet Absorption Properties of Vectra Fabric Protector

Dear Mr. Barnette:

The Vectra formula in it's cured state does absorb approximately 50% of the UV spectrum over a range of 220 to 280nm and 20-30% of the UV spectrum over the range of 280-340nm. This corresponds roughly to a SPF of 5-10 in a sunblock product. This absorption is minimal and should not be assumed to be a protection from intense light.

If we may of further help in this matter, please let us know.

Respectfully submitted,

David R. Hurst

David R. Hurst
Director

eh

HURST RESEARCH

643 HWY 211 NE, WINDER, GEORGIA 30680, 404-867-3187

July 10, 1995

Mr. Robert Barnette
Vectra Enterprises, Inc.
761C Miami Circle, N.E.
Atlanta, Georgia 30324

RE: Hypoallergenic Properties of Vectra Fabric Protector

Dear Mr. Barnette:

The Vectra formula in its cured state does not contain any known compounds that exhibit allergic reactions. The consumer experience accumulated over seventeen years has not produced a complaint of any allergic reaction. The product has been used on virtually every type of consumer fabric item including pillow cases. Although no claims are made for the Vectra product to be hypoallergenic, the consumer experience record is such that it would appear to have such properties.

Two adult caucasian females with known records of consumer product sensitivities have been using Vectra treated clothes for 10 and 15 years with no allergic effect. Their known sensitivities are perfume, detergents, lotions, powder, bath oils and fabric sizing.

If we may of further help in this matter, please let us know.

Respectfully submitted,

David R. Hurst

David R. Hurst
Director

eh



COMMERCIAL TESTING COMPANY

16 CFR Chapter II, Subchapter D
PART 1630 - Standard for the Surface
Flammability of Carpets and Rugs (F 1-70)

VECTRA
351 PEACHTREE HILLS AVENUE
SUITE 224
ATLANTA, GEORGIA 30305

Manufacturer:

Report Number: 34497
CTC Test Number: 1547-4781
Date: MAY 1 1985

Test Frequency Requirements: For machine made carpeting: (1) at least one test must be performed upon initial manufacture or importation; (2) at least one test must be performed after production or importation of the first 25,000 linear yards; and, (3) at least one test must be performed after production or importation of every 50,000 linear yards thereafter. If all twenty-four specimens tested meet the Test Criterion, continual testing may be done after production or importation of every 100,000 linear yards thereafter. Frequency of testing is the responsibility of the manufacturer or importer.

Test Criterion: A specimen passes the test if the charred portion does not extend to within 1.0 inch of the edge of the hole in the flattening frame at any point.

Test Criterion: A specimen passes the test if the charred portion does not extend to within 1.0 inch of the edge of the hole in the flattening frame at any point.

Acceptance Criterion: At least seven of the eight specimens shall meet the test criterion in order to conform with this Standard.

Mother Quillen

**Jonathan Jackson
Executive Vice President**

TO: Whom It May Concern
Subject: Testing Authorities for the Vectra Products
From: Vectra Enterprises, Inc.
Bob Barnette/Vice President

The following laboratories were engaged to qualify the performance of Vectra products:

1. INTERNATIONAL FABRIC CARE INSTITUTE
1225 TECH ROAD
SILVER SPRINGS, MD 20904

Products Tested August 17, 1983

A. This testing lab is the most recognized and qualified for testing in the fabric/textile market place.

2. CONSUMER TESTING LABORATORIES, INC.
480 NEPONSET STREET
CANTON, MA 02021

Lab Report No. N36509-10 - October 3, 1995

(This test was ordered by QVC, The USA)

QVC is the top shopping network for verifying our claims or performance of the products.

3. ACTION TESTING & CONSULTING LABORATORY, INC.
1800 MONTREAL COURT SUITE A
TUCKER, GA 30084

Chemist: Dr. James R. Hunt

Lab Report #06143 - January 28, 1994

Lab Report #06328 - July 29, 1994

Dr. Hunt has been in the Polymer Textiles Testing for 30 plus years and has been recognized in the industry as most certified in his field of Chemistry.

4. HURST RESEARCH
66 ALEXANDRA
JEFFERSON, GA 30549

Chemist: David R. Hurst

Mr. Hurst has been a practicing chemist for 30 plus years and has been actively in our research and development of the Vectra products and has been engaged in the testing of the Vectra products for the past 29 years.

5. COMMERCIAL TESTING COMPANY
DALTON, GA

Tester: Jonathan Jackson, Executive Vice President

Type Test: Flammability Properties

Report #34497

CTC Test #1547-4781
Reg. # 16 CFR CHAPTER II
Subchapter D
PART 1640 - STANDARD
For the surface flammability of carpets and rugs (F-1-70)
ASTM D-2859

Results: Vectra Does Not Add Too Or Take From Flammability of Rugs And Carpets

The above testing labs have been engaged in providing Vectra with the highest level of testing available in the USA.

This is to certify that the above testing labs are unbiased reports and are not in any way compensated by Vectra Enterprises, Inc., other than a fee basis and they do not have any financial interest in Vectra Enterprises, Inc. or the product formulas.

Hurst Research

June 12, 2000

Mr. Robert Barnette
Vectra Enterprises, Inc.
761-C Miami Circle
Atlanta, Georgia 30324

RE: Vectra Stabilizing of Scotchguard Residues

Dear Mr. Barnette:

I have completed a preliminary investigation at your request to determine if the application of Vectra family of products would be useful in reducing or mitigating the extractable content of Scotchguard Protector that has already been applied to upholstery fabric. Our experiments indicate that Vectra does reduce hot water extractables by 91-95 % wt. The best protection occurred when both front and back of fabric was lightly sprayed. The same result was not effected, by a more saturated spraying of the front side only. The details are as follows.

Method and Result

A heavy silk screened patterned upholstery fabric was cut into one square foot samples and the one set of three was chosen as the control, one set was lightly sprayed with Vectra 16 on front side only. Another set was sprayed front and back side. The final set was double sprayed on the front side. The sets were allowed to cure 24 hours before extracting in 150 ml of deionized water. The extracts were carefully filtered and dried in tared beakers. The residue was weighed to the nearest 0.1mg and the results averaged.

Vectra Treatments and Total Water Extracts of Scotchguard Treated Fabric

	<u>Control</u> 25.2mg/ft ²	<u>Front 1X</u> 3.72mg/ft ²	<u>Front 2X</u> 2.3 mg/ft ²	<u>Both Sides 1X</u> 1.3 mg/ft ²
Extractable wt%	14.8	9.12	5.15	
Retention of extractables %	85.2	90.9	94.9	

Conclusion

The Vectra product treatment does stabilize the extraction of the partially soluble fluorocarbon protectorant as well as some of the fabric dyestuff seemingly attached to the fluorocarbons. These residues are stabilized by the Vectra formula to resist extraction by 91-95%. For the Vectra family of products the mode of protection is a nanothickness, crosslinked polymer inside the micropores of the fabric. This barrier inhibits these harmful fluoro compounds from being released after cleaning with hot water or transferring and absorbing into the skin.

Respectfully submitted,

David R. Hurst

David R. Hurst, Director
Hurst Research

THE CUSTOMER
RELATIONS GROUP, INC

July 20, 1994

Mr. Bob Barnette
Vice President
Vectra
761-C Miami Circle
Atlanta, Georgia 30324

Dear Bob,

I just had to send you this letter to inform you about recently attending a banquet at the Atlanta Marriott Marquis. As you may remember, you treated all of the banquet chairs for me when we first opened the hotel. I thought you should know that the banquet chairs which you treated for me nine years ago still looked like the day they were bought.

I had no doubt at the time that your product was superior, however I had no idea that they would look as good as they do nine years later.

I would like for you to treat all of my office furniture and carpet. I would also like to have you treat all the furniture and carpets in my home at your earliest convenience.

I look forward to hearing from you soon. In the interim, best wishes for continued success with what I believe is a great product and service.

Sincerely,



David M. Schreiber
President

HURST RESEARCH

66 Alexander Lane.
Jefferson, Georgia 30549
(706) 387-7495
(706) 387-7496 Fax

Explanation

Date: 11-04-2004

To: To Whom it May Concern.

From: David Hurst, Hurst Research

RE: Water Resistant Activity of Vectra Products

Vectra Products modify the environment of natural fibers and organic surfaces such as paper, leather and grasses by inserting a crosslinked and coupled hydrophobic layer at the surface into every micropore. The barrier layer is extremely thin (~0.09u) but quite efficient. This layer rejects water and moisture vapor from penetrating the micropores, but not necessarily the threads.in coarsely woven fabric. The results of Vectra Product treatment is that the fabric's micro structure is water resistant and does not present an adsorbed or absorbed water surface to bacteria and mildew spores for instance.

Respectfully submitted,

David R. Hurst

David R. Hurst, Director

HURST RESEARCH

66 Alexander Lane.
Jefferson, Georgia 30549
(706) 387-7495
(706) 387-7496 Fax

Explanation

Date: 8-02-2005

To: To Whom it May Concern.

From: David Hurst, Hurst Research

RE: Oil and Aqueous Stain Protection with Vectra

The use of Vectra to protect fine fabrics from aqueous stains is well accepted in the marketplace. The use of Vectra to protect against oil stains is not as well known because oil does not bead up on the protected surface as does an aqueous challenge. The fibers will however release oil stains upon washing with normal detergent methods. In the past only fluoro-compounds would actively resist oil challenges but the price now to be paid is the possibility of immense lawsuits from the release of fluoro-intermediates and low molecular weight byproducts from their manufacture remaining in the final products. Vectra has always based its products on technologies avoiding the fluorocarbon polymers by anticipating these current revelations.

Respectfully submitted,

David R. Hurst

David R. Hurst, Director

HURST RESEARCH

66 Alexander Lane.
Jefferson, Georgia 30549
(706) 387-7495
(706) 387-7496 Fax

Explanation

Date: 11-04-2004

To: Mr. Bob Barnette, Vectra Enterprises.

From: David Hurst, Hurst Research

RE: Possible reasons for antibacterial and antifungal activity of Vectra 22 AND
VECTRA 16

In order that bacteria and fungals to multiply, an environment of proper moisture and acceptable surface conditions must apply. The normal environment that propagates bio life has a surface of adsorbed or absorbed moisture. This surface often contains the food supply needed to continue the organism's life cycle.

Vectra 22 modifies the environment of natural fibers and organic surfaces such as paper, leather and skin by inserting a hydrophobic layer at the surface into every micropore . This layer does not present an adsorbed or absorbed water surface to bacteria and mildew spores. The organic molecule of Vectra 22 contains semi-metallic and metallic elements that have an inhibitory effect on bacteria and mildew. It is well known that metallic elements such as Cu, Ag, Sn, B, inhibit the growth of bacteria and fungal growth. These elements are incorporated into many organic products to inhibit not kill bacteria and mildew. The combination of hydrophobic activity and elemental inhibition are subtlety synergistic.

Another unusual property of Vectra 22 is the inhibitory effect for moth destruction of wool garments. We have noted that in lab testing that moths will not actively eat treated wool specimens to the point of starvation. This effect is in no way acting as a pesticide by EPA definitions.

Respectfully submitted,

David R. Hurst

SPOT OR STAIN

I. Fundamentals of Vectra:

- A. The difference between a SPOT and a STAIN.
 - 1. A STAIN is permanent
 - 2. A SPOT can be released

II. Definition of Vectra-izing

- A. Vectra converts a possible STAIN to a SPOT or residue to enable cleanability for positive results.

III. Not all liquids will roll off of fabrics, because loose woven fabrics have air pockets, but liquids can be released with proper cleaning methods for POSITIVE RESULTS.

IV. What Vectra does and does not do:

- A. Vectra does not eliminate cleaning and in some cases professional cleaning is needed.
- B. Vectra products enhance the cleanability of fabrics and carpets for positive results.
- C. Vectra products locks out the stain.
- D. Vectra products do not coat the air pockets of some fabrics.
- E. Hot substances such as hot coffee will go around loose woven fabrics fibers, not inside the fiber where the stain occurs, thereby protecting the fiber from a possible stain.
- F. Vectra does all this protection, while not changing the texture, feel, color or appearance of the fabric, whether it is Sisal or Silk.
- G. Vectra also increases the tensile strength of the fibers, increasing the life of fabric and wearability.
- H. Vectra even has some UV protection of approximately 35% which also increase the life of the fabric.
- I. Vectra's protection capabilities keeps dirt and grime off the fibers, making it easier to clean and even on carpet VECTRA enables the sweeper to do a better, easier job.
- J. Vectra Does not Resist Oil Based Substances, however Vectra enhances cleanability for positive results.

643 Highway 211 N.E.
Winder, Georgia 30680
770-867-3187

Hurst Research

March 8, 2005

Mr. Robert Barnette
Vectra Enterprises, Inc.
761-C Miami Circle
Atlanta, Georgia 30324

Dear Mr. Barnette:

The Vectra family of formulas is based on EPA approved aliphatic hydrocarbon diluents that have no constituents that would harm the ozone layer. The Vectra products also do not contain the harmful properties recently found in Scotchguard®.

If you have further questions, please call.

Respectfully submitted,

David R. Hurst

David R. Hurst
Director

HURST RESEARCH

643 HWY 211 NE, WINDER, GEORGIA 30680 770-867-3187

August 8, 1996

Mr. Robert Barnette
Vectra Enterprises, Inc.
761C Miami Circle, N.E.
Atlanta, Georgia 30324

RE: Ultraviolet Absorption Properties of Vectra Fabric Protector

Dear Mr. Barnette:

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If we may of further help in this matter, please let us know.

Respectfully submitted,

David R. Hurst

David R. Hurst
Director

eh

HURST RESEARCH

643 HWY 211 NE, WINDER, GEORGIA 30680, 404-867-3187

July 10, 1995

Mr. Robert Barnette
Vectra Enterprises, Inc.
761C Miami Circle, N.E.
Atlanta, Georgia 30324

RE: Hypoallergenic Properties of Vectra Fabric Protector

Dear Mr. Barnette:

The Vectra formula in its cured state does not contain any known compounds that exhibit allergic reactions. The consumer experience accumulated over seventeen years has not produced a complaint of any allergic reaction. The product has been used on virtually every type of consumer fabric item including pillow cases. Although no claims are made for the Vectra product to be hypoallergenic, the consumer experience record is such that it would appear to have such properties.

Two adult caucasian females with known records of consumer product sensitivities have been using Vectra treated clothes for 10 and 15 years with no allergic effect. Their known sensitivities are perfume, detergents, lotions, powder, bath oils and fabric sizing.

If we may of further help in this matter, please let us know.

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David R. Hurst

David R. Hurst
Director

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HURST RESEARCH

66 Alexander Lane.
Jefferson, Georgia 30549
(706) 387-7495
(706) 387-7496 Fax

Explanation

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Respectfully submitted,

David R. Hurst

David R. Hurst, Director

643 Highway 211 N.E.
Winder, Georgia 30680
770-867-3187

Hurst Research

June 4, 2009

Mr. Robert Barnette
Vectra Enterprises, Inc.
761-C Miami Circle
Atlanta, Georgia 30324

Dear Mr. Barnette:

I have consulted with the suppliers of our resin materials and I am assured that according to their best knowledge, no carcinogenic properties are attributed to any of these products. The Vectra fabric stain protector is at present considered safe for garment wear, upholstery fabrics and rugs.

Respectfully submitted,

David R. Hurst

David R. Hurst
Director

Hurst Research

June 9, 2000

Mr. Robert Barnette
Vectra Enterprises, Inc.
761-C Miami Circle
Atlanta, Georgia 30324

Dear Mr. Barnette:

In order to establish a point of reference for the physical and toxicity properties of your Vectra products, I have prepared the following summary.

Liquid formula:

Petroleum hydrocarbon fraction: Flash point 126°F, Tag close cup, no ozone harmful components

Toxicity of Vectra products: Acute oral toxicity: It is estimated that the solvent-free residue has a rat oral LD 50 greater than 10gm/kg.

Skin irritation: The solution of Vectra products will produce drying of the skin and Vectra products may cause local irritation.

Eye irritation: Vectra products will produce severe eye irritation unless promptly treated by washing affected eyes with water for at least fifteen minutes.

Generally classified as "flammable"; carbon dioxide, foam or dry chemicals are to be used in fighting fire. No explosion hazards or special fire-fighting procedures are needed.

Cured formula:

A semi-metallic ester based system.
Non-flammable in the sense that sugar is non-flammable.
Generally classified as nontoxic.
Rat oral LD 50 greater than 10gm/kg.

Applied to fabric and cured:

Non-irritating surface treatment for fabric.
At recommended application rates virtually no modification of burning characteristics of fibers are noted.

June 7, 2000

Page 2

common sense. There are no special hazards or dangers that would occur in their use more than the use of almost any petroleum-based household aerosol, such as spray paint or spray furniture polish.

Respectfully submitted,

David R. Hurst

David R. Hurst, Director
Hurst Research

HURST RESEARCH

66 Alexander Lane.
Jefferson, Georgia 30549
(706) 387-7495
(706) 387-7496 Fax

Explanation

Date: 8-02-2005

To: To Whom it May Concern.

From: David Hurst, Hurst Research

RE: Oil and Aqueous Stain Protection with Vectra

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Respectfully submitted,

David R. Hurst

David R. Hurst, Director

HURST ENGINEERING RESEARCH AND TESTING LABORATORIES

RT. 4, BOX 59 HWY 211, WINDER, GEORGIA 30680 • 404-867-3187

January 11, 1993

Mr. Bob Barnette
Vectra Enterprises, Inc.
761C Miami Circle, N.E.
Atlanta, Georgia 30324

RE: Vectra Formulations Ozone Safe

Dear Mr. Barnette:

The Vectra family of formulas are all based on EPA approved aliphatic hydrocarbon diluents that have no constituents that would harm the ozone layer. If there are further questions, please call.

Respectfully submitted,



David R. Hurst
Director

eh

Ann Platz & Co.

June 10, 1996

Mr. Robert Barnette
Vectra Enterprises
761 C. Miami Circle
Atlanta, GA 30325

Dear Robert,

For sometime I have been wanting to write to you to tell you what an asset your product is as a source for my clients. It seems only yesterday that we met, but in fact it was 1977, when you came to my rescue and got a rust stain out of an antique rug. When you explained to me what your product could do for my client's fabric and rugs, I was an immediate believer, because of the magic you performed on that rust spot no one else could get out.

I recommended to my new client that we treat her newly upholstered dining room chairs and rug with Vectra. Within a month the client called that wine had accidentally spilled on a chair and the rug. She followed the directions you had given her and there was no trace of the wine to be seen. She then asked to have all the fabrics in her home treated.

As you know, I recommend to every client the Vectra product, because I believe in and have almost a 20 year history of using the product and having it live up to all expectations. Robert, I feel that part of my job is to recommend fabrics that hold up and products that stand the wear and tear of time, and Vectra is at the top of my list.

I have enjoyed watching your company grow and the national exposure you have gotten that is so richly deserved. Part of the mission statement of my company is to provide my clients with the best of the best and that is why we recommend and use Vectra.

Best regards,

Ann Platz
Ann Platz, President

Burnley Enterprises, Inc.

Corporate office at:

P.O. Box 380

Kitchen Kettle Village

Intercourse, Pa. 17534

Phone: 717768-8261

e-mail: kkvjim@kitchenkettle.com

Fax: 717-768-3614

"a specialty retail company"

03/01/04

Vectra
Bob Barnett
Vectra
761-C Miami Circle
Atlanta Ga. 30324

Dear Bob;

I am writing you today because of our conversation about Vectra's extraordinary other values. We have been selling Vectra, as you know, for a long time as water and stain protector for suede and leather garments. A few years ago we realized how it would help out quilters when making quilts, because unfortunately sometimes they will prick their fingers and blood will get on the material. By using Vectra before the quilt is started the stain is easily cleaned.

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Just thought you would like to know.

Sincerely,

James K. Burnley
President
Burnley Enterprises, Inc.