## CAMBRIDGE DIAGNOSTIC PRODUCTS, INC

6880 NW 17TH AVENUE

FORT LAUDERDALE, FLORIDA 33309

ATTN: ROYZGOLD

January 15, 2008

Report Number: 139097

#### **IDENTIFICATION SUBMITTED BY CLIENT**

SAMPLE DESCRIPTION: STAIN Rx PRODUCT, FABRICS, CARPET AND OTHER PRODUCTS.

#### **PURPOSE:**

- A. Conduct evaluation of stain removal efficiency of Stain Rx product on different substrates
- B. Compatibility with specific surfaces.

## **TESTED PROTOCOL:**

#### **PURPOSE:**

Conduct evaluation of stain removal efficiency of Stain Rx product on different substrates and surfaces

#### PROTOCOL:

- A. Stain removal from common household material
- B. Stain Rx compatibility with specific surfaces

Stain removal as provided protocol or directions for use on the Stain Rx product (Cambridge), both step 1 and step 2.

## **STAIN REMOVAL STEPS:**

- 1. Remove excess stain. Apply Stain Rx directly to the spot, work the spotted material into itself and then rinse with water. Repeat if necessary. Launder as usual. If stain is not completely removed, use step 2.
- 2. Soak the stained area in a small amount of Stain Rx for up to 1 hour, rinse with the water and then launder as usual.

#### **JEWELRY AND COMMON HOUSEHOLD SURFACES**

- 1. Test sample as per provided protocol or directions for use on the Stain Rx product.
- 2. Evaluate samples for changes in physical characteristics based on visual examination. Record changes in tarnishing, color change, brightness etc.



## **TEST RESULTS**

## **WOVEN FABRIC 100% COTTON**

## **CLEANING SOLVENT: STAIN Rx**

TYPE OF STAIN:	AFTER FIVE MINUTES AGING	AFTER 24 HOURS AGING
Hawaiian Fruit Punch Black Mascara (Cover Girl) Cranberry Juice (Ocean Spray) Tomato Sauce Vanilla Extract Blood Iodine Beet Juice (Libby's) Coffee Betadine Balsamic Vinegar Hibiclens Tea Mushroom Gravy Grass Grape Juice (Welch's) Red Lipstick (Revlon) Yellow Mustard (French's) Hair Dye Red wine Raspberry Strawberry Synthetic Urine	Class 5.0 * *Class 4.5 Class 4.5 Class 4.5 Class 5.0 Class 5.0	Class 5.0     Class 4.5     Class 5.0     Class 4.5     Class 5.0     * *Class 4.0     * *Class 1.0     * *Class 4.0     * *Class 3.5     Class 5.0     * *Class 5.0

<sup>\*\*</sup>NOTE: ADDITIONAL STAIN REMOVAL, AS PER STEP 2, WAS USED TO REMOVE THESE STAINS



## **WOVEN FABRIC** 65% COTTON, 35% POLYESTER

## **CLEANING SOLVENT: STAIN Rx**

03 % COTTON, 33 % FOLTESTER	AFTER FIVE	AFTER 24 HOURS
TYPE OF STAIN:	MINUTES AGING	AGING
Hawaiian Fruit Punch Black Mascara (Cover Girl) Cranberry Juice (Ocean Spray) Tomato Sauce Vanilla Extract Blood lodine Beet Juice (Libby's) Coffee Betadine Balsamic Vinegar Hibiclens Tea Mushroom Gravy Grass Grape Juice (Welch's) Red Lipstick (Revlon) Yellow Mustard (French's) Hair Dye Red Wine Raspberry Strawberry Synthetic Urine	Class 5.0	Class 5.0 Class 4.5 Class 5.0 Class 4.5 Class 5.0
-j	0.000 0.0	0.000 0.0

<sup>\*\*</sup> NOTE: ADDITIONAL STAIN REMOVAL, AS PER STEP 2, WAS USED TO REMOVE THESE STAINS.



# UPHOLSTERY FABRIC 57% COTTON, 43% POLYESTER

## **CLEANING SOLVENT: STAIN Rx**

TYPE OF STAIN.	AFTER FIVE MINUTES AGING	AFTER 24 HOURS AGING
TYPE OF STAIN:  Hawaiian Fruit Punch Black Mascara (Cover Girl) Cranberry Juice (Ocean Spray) Tomato Sauce Vanilla Extract Blood Iodine Beet Juice (Libby's) Coffee Betadine Balsamic Vinegar Hibiclens Tea Mushroom Gravy Grass Grape Juice (Welch's) Red Lipstick (Revlon) Yellow Mustard (French's) Hair Dye Red wine Raspberry	Class 5.0	Class 5.0     Class 5.0
Strawberry Synthetic urine	Class 5.0 Class 5.0	Class 5.0 Class 5.0

<sup>\*\*</sup>NOTE: ADDITIONAL STAIN REMOVAL, AS PER STEP 2, WAS USED TO REMOVE THESE STAINS



**CARPET OLEFIN** 

Report Number: 139097

## **CLEANING SOLVENT: STAIN Rx**

TYPE OF STAIN:	AFTER FIVE INUTES AGING	AFTER 24 HOURS AGING
lodine Beet Juice (Libby's) Coffee Betadine Balsamic Vinegar Hibiclens Tea Mushroom Gravy Grass Grape Juice (Welch's)	Class 5.0 Class 5.0 Class 5.0 Class 5.0 Class 5.0 Class 3.5 Class 5.0	Class 5.0 Class 5.0 Class 5.0 Class 4.5 Class 3.5 Class 3.5 Class 5.0

<sup>\*\*</sup>NOTE: ADDITIONAL STAIN REMOVAL, AS PER STEP 2, WAS USED TO REMOVE THESE STAINS

## **RATING SYSTEM:**

Class 5	Complete Removal
Class 4	Good Removal, Traces of Stain Remain
Class 3	Moderate Removal, More than 75% Stain Removed
Class 2	Fair Removal, More than 50% Stain Removed
Class 1	Poor Removal, Less than 50% Stain Removed



#### **COMPATABILITY WITH SPECIFIC SURFACES**

PROCEDURE: 5 drops of stain Rx were placed on the surfaces listed below for a time period of 1 hour

SAMPLE	COLOR CHANGE	VISUAL EVALUATION
GLASS	Class 5.0	No evidence of surface change noted
STAINLESS STEEL	Class 5.0	No evidence of surface change noted
MICA	Class 5.0	No evidence of surface change noted
PLASTIC	Class 5.0	No evidence of surface change noted
PORCELAIN	Class 5.0	No evidence of surface change noted
GOLD / DIAMOND RING	Class 4.5	Noticeable evidence of improvement in sheen; no evidence of deterioration noted

SAMPLE FRUIT COLOR RESISTANCE WHEN COMPLETELY IMMERSE IN STAIN RX SOLVENT

TIME TO TURN WHITE (hours and minutes)

TYPE OF STAIN:

STRAWBERRIES 2.07 \*\*
RASPBERRIES 3.38 \*\*

#### **NOTE**

Partial Color Removal Observed in 1 Hour.

IF YOU NEED ASSISTANCE IN INTERPRETING THESE TESTS RESULTS OR IF YOU HAVE ANY QUESTIONS, PLEASE FEEL FREE TO CALL: CUSTOMER SERVICE DEPT.

**INTERTEK** 

Chanda Sheikh

Jr. Client Service Manager

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<sup>\*\*</sup> Time of complete color removal.