



# PRODUCT TESTING SERVICES

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TCNA TEST REPORT NUMBER: TCNA-065-10

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TEST REQUESTED BY: United Static Control Products  
Attn: Steve Cooter  
PO BOX 19252  
Colorado City, CO 81019

TEST SUBJECT MATERIAL: Identified by Client as: UltraTough Crystal Blue

TEST DATE: 3/8/10-4/6/10

TEST PROCEDURE: ASTM D5116: "Standard Guide for Small-Scale Environmental Chamber Determinations of Organic Emissions From Indoor Materials/Products"  
-Testing was performed by Research Triangle Park Laboratories in Raleigh, NC  
-ASTM D5116/California Specification 01350 small chamber test procedure was followed  
-Analysis methods used were for VOCs by EPA Method TO-15 GC/MS and Aldehydes/Ketones by EPA Method 11A/8315 HPLC

TEST RESULTS: VOC Carpet Emissions

| Compound                 | 10-059-01<br>24-Hour Air<br>Conc, $\mu\text{g}/\text{m}^3$ | Maximum<br>24-Hour Air<br>Conc, $\mu\text{g}/\text{m}^3$ |
|--------------------------|--|--|
| Acetaldehyde             | <11  | 11   |
| Benzene                  | <30  | 30   |
| Caprolactam              | <65  | 65   |
| 2-Ethylhexanoic Acid     | <25  | 25   |
| Formaldehyde             | <27  | 27   |
| 1-Methyl-2-pyrrolidinone | <160   | 160  |
| Naphthalene              | <11  | 11   |
| Nonanal                  | <13  | 13   |
| Octanal                  | <13  | 13   |
| 4-Phenylcyclohexene      | <27  | 27   |
| Styrene                  | <220   | 220  |
| Toluene                  | <150   | 150  |
| Vinyl acetate            | <220   | 220  |
| TVOC                     | <270   | 270  |

  
Katelyn Simpson  
Laboratory Manager

4/8/10  
Date

Testing Services: [testing@tileusa.com](mailto:testing@tileusa.com) Literature Orders: [literature@tileusa.com](mailto:literature@tileusa.com) Web Site: [www.tileusa.com](http://www.tileusa.com)

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