

Universal Laboratory, Inc.

(972) 272-7337
Fax (972) 272-7790

1726 Commerce St
Garland, Texas 75040-6710

TEST REPORT

Date: 2-16-10

For: DURCON, INC.
206 Allison Drive
Taylor, TX 76574

Test No.: 37677
Page 1 of 3
P.O. PO018098
Requested By:
Adrian Ahmad

Background: Durcon submitted one Sample ID: DURCON TAYLOR BLACK, 12"x 18" Slab for testing to SEFA, Paragraph 8.1.

Samples received from customer supplied carrier on 2-4-10 in good condition.

The following information is being provided.

Order Entry Log Date: 2-4-10 Log # 503868

Test Methods: SEFA 8, Paragraph 8.1 Chemical Spot Test

Procedure: Chemical Spot Check Test SEFA 8.1-1998, Method A & B
Test Method A: Volatile chemicals tested by placing a saturated cotton ball with the reagent in the mouth of a 1-oz. bottle and inverting the bottle on the surface of the panel.
Test Method B: Five drops of non-volatile chemicals of each reagent placed on sample, covered with watch glass, convex side down. Each Chemical was left for twenty-four hours, then washed off with water, cleaned with detergent and naphtha and rinsed with deionized water, dried and evaluated after 24 hours at $73 \pm 3^{\circ}\text{F}$ and $50 \pm 5\%$ relative humidity.

RATING SCALE: Level 0 - No Detectable Change
Level 1 - Slight Change in Color or Gloss
Level 2 - Slight Surface Etching or Severe Staining
Level 3 - Pitting, Cratering, Swelling, Erosion of Coating.
Obvious & Significant Deterioration.

Test Results: The test results are provided in the attached data report

Note: "We certify that all portions of each test performed were under continuous, direct supervision of this Laboratory."


Charles Stanley, Director

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Test Results: SAMPLE ID: DURCON TAYLOR BLACK 12" X 18" Slab

Chemical Spot Tests:

| <u>#</u> | <u>CHEMICALS</u> | <u>Test Method</u> | <u>Time In Hours</u> | <u>Rating Scale</u> |
|----------|-------------------------|--------------------|----------------------|---------------------|
| 1 | Amyl Acetone | A | 24 | Level 0 |
| 2 | Ethyl Acetate | A | 24 | Level 0 |
| 3 | Acetic Acid 98% | B | 24 | Level 0 |
| 4 | Acetone | A | 24 | Level 1 |
| 5 | Acid Dichromate 5% | B | 24 | Level 0 |
| 6 | Butyl Alcohol | A | 24 | Level 0 |
| 7 | Ethyl Alcohol | A | 24 | Level 0 |
| 8 | 1ethyl Alcohol | A | 24 | Level 1 |
| 9 | 1mmonium Hydroxide, 28% | B | 24 | Level 0 |
| 10 | 0enzene | A | 24 | Level 1 |
| 11 | Carbon Tetrachloride | A | 24 | Level 0 |
| 12 | Chloroform | A | 24 | Level 1 |
| 13 | Chromic Acid 60% | B | 24 | Level 0 |
| 14 | Cresol | A | 24 | Level 0 |
| 15 | Dichlor Acetic Acid | A | 24 | Level 0 |
| 16 | Dimethylformamide | A | 24 | Level 0 |
| 17 | Dioxane | A | 24 | Level 0 |
| 18 | Ethyl Ether | A | 24 | Level 0 |
| 19 | Formaldehyde 37% | A | 24 | Level 0 |
| 20 | Formic Acid 90% | B | 24 | Level 0 |
| 21 | Furfural | A | 24 | Level 1 |
| 22 | Gasoline | A | 24 | Level 0 |
| 23 | Hydrochloric Acid, 37% | B | 24 | Level 0 |
| 24 | Hydroflouric Acid 48% | B | 24 | Level 0 |
| 25 | Hydrogen Peroxide 28% | B | 24 | Level 0 |
| 26 | Tincture of Iodine | B | 24 | Level 0 |
| 27 | Methyl Ethyl Ketone | A | 24 | Level 0 |
| 28 | Methylene Chloride | A | 24 | Level 0 |
| 29 | Mono Chlorobenzene | A | 24 | Level 0 |
| 30 | Napthalene | A | 24 | Level 0 |
| 31 | Nitric Acid, 20% | B | 24 | Level 0 |
| 32 | Nitric Acid, 30% | B | 24 | Level 1 |

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Test Results Continued: Sample ID: DURCON TAYLOR BLACK 12" X 18" Slab

| <u>#</u> | <u>CHEMICALS</u> | <u>Test Method</u> | <u>Time In Hours</u> | <u>Rating Scale</u> |
|----------|--|--------------------|----------------------|---------------------|
| 33 | Nitric Acid, 70% | B | 24 | Level 1 |
| 34 | Phenol 90% | A | 24 | Level 0 |
| 35 | Phosphoric Acid, 85% | B | 24 | Level 1 |
| 36 | Silver Nitrate, Saturated | B | 24 | Level 0 |
| 37 | Sodium Hydroxide, 10% | B | 24 | Level 1 |
| 38 | Sodium Hydroxide, 20% | B | 24 | Level 1 |
| 39 | Sodium Hydroxide, 40% | B | 24 | Level 1 |
| 40 | Sodium Hydroxide, Flake | B | 24 | Level 1 |
| 41 | Sodium Sulfide, Saturated | B | 24 | Level 2 |
| 42 | Sulfuric Acid, 25% | B | 24 | Level 1 |
| 43 | Sulfuric Acid, 85% | B | 24 | Level 2 |
| 44 | Sulfuric Acid, 96% | B | 24 | Level 3 |
| 45 | Sulfuric Acid 85%, and Nitric Acid 70%, equal parts | B | 24 | Level 3 |
| 46 | Toluene | A | 24 | Level 1 |
| 47 | Trichlorethylene | A | 24 | Level 0 |
| 48 | Xylene | A | 24 | Level 0 |
| 49 | Zinc Chloride, Saturated | B | 24 | Level 0 |