7033 BLUE ALKYD LOW VOC TRAFFIC MARKING PAINT

Low VOC - Handicap Blue

**Product Description**

**7033 Blue Alkyd Traffic Marking Paint**

is an acetone based, heavy duty marking paint formulated for excellent film build and better resistance to traffic wear and weather. RAE’s line of Low VOC Alkyd Marking Paints are designed for commercial use by professional contractors, municipalities and military use.

- Meets Federal Specification A-A-2886(B) Type II
- Formulated for Brush, Spray, or Roller
- Ready to Spray - No Reduction Needed

Note: The United States Environmental Protection Agency (EPA) has determined that ACETONE does not contribute, in any significant, to ozone formation or green house emissions - and has thus made it exempt from VOC regulatory requirements and the federal Clean Air Act.

**Recommended Uses**

This product has been designed for painting centerlines, handicap spaces, edgelines, curbs, highways, airport runways, medians, parking lots, running tracks, traffic aisles, storage zones, stop zones, auxiliary markings, etc.

Use on concrete, asphalt, and brick. Exterior and Interior. Can be used with glass beads for added reflectance. Recommended for restriping of previously painted lines. Available in Yellow, White, Blue, Red, and Black.

**Product Characteristics**

**Vehicle Type:** Alkyd Blend

**Viscosity:** 80 to 85 Ku

**Weight Solids:** 65.00% minimum

**Volume Solids:** 45.00% minimum

**Density (Weight per Gallon):**

11.45 ± 0.20 lbs/gal

**VOC (minus exempts):** 148 g/L

**VOC (with exempts):** 88 g/L

**Dry time:**

- No-Pick-Up: <10 minutes
- Dry Through: <25 minutes

(Nota: Applied film thickness, relative humidity and temperature will affect dry time)

**Shelf Life:** 12 months if unopened and stored in a cool area.

This product does not contain mercury, lead, hexavalent chromium, toluene, chlorinated solvents, hydrolysable chlorine derivatives, or carcinogens as defined in 29 CFR 1910.1200.

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CAUTION: DANGER! EXTREMELY FLAMMABLE! VAPORS MAY CAUSE FLASH FIRE. VAPOR HARMFUL. HARMFUL OR FATAL IF SWALLOWED. INJURIOUS TO EYES. KEEP OUT OF THE REACH OF CHILDREN! BEFORE using this product it is essential that the "Material Safety Data Sheet" describing the product as well as the "Product Label" be reviewed. If your company does not have such information or has any questions, contact RAE Products at 1-708-396-1984 or refer to data at www.raeproducts.net

**Performance Characteristics**

**MEETS FEDERAL SPECIFICATION A-A-2886(B)**

<table>
<thead>
<tr>
<th>Test Description</th>
<th>Test Method</th>
<th>Requirements</th>
<th>Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>Color (Blue)</td>
<td>Fed. Std. S95 #35180</td>
<td>6 CIE Lab</td>
<td>Pass</td>
</tr>
<tr>
<td>Finessity of Grind</td>
<td>ASTM D1210</td>
<td>3 Hegman min.</td>
<td>Pass</td>
</tr>
<tr>
<td>Dry Time No-Pick-Up</td>
<td>ASTM D711</td>
<td>10 minutes max.</td>
<td>Pass</td>
</tr>
<tr>
<td>Flexibility</td>
<td>ASTM D522</td>
<td>Pass</td>
<td></td>
</tr>
<tr>
<td>Consistency</td>
<td>ASTM D562</td>
<td>70 - 85 Ku</td>
<td>Pass</td>
</tr>
<tr>
<td>Accelerated Package</td>
<td>ASTM D1849</td>
<td>&lt;5 Ku change</td>
<td>Pass</td>
</tr>
<tr>
<td>Stability</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Water Resistance</td>
<td>ASTM D1306</td>
<td>Pass</td>
<td>Pass</td>
</tr>
<tr>
<td>Bleeding Ratio</td>
<td>ASTM D969</td>
<td>0.90 min</td>
<td>Pass</td>
</tr>
<tr>
<td>Dry Opacity</td>
<td>Fed-Std-141</td>
<td>0.92 min</td>
<td>Pass</td>
</tr>
<tr>
<td>Accelerated Weathering</td>
<td>ASTM G53</td>
<td>Pass</td>
<td>Pass</td>
</tr>
</tbody>
</table>

Note: These results in Performance & Product Characteristics represent actual control values when tested under laboratory conditions. To the best of our knowledge, the above technical data is true and accurate at the date of issuance but is subject to change without prior notice.

Revision Date: 03/10/10
# 7033 BLUE ALKYD LOW VOC TRAFFIC MARKING PAINT

**FED SPEC: A-A-2886(B) TYPE II**

## Low VOC - Handicap Blue

### Preparation

The surface to be painted must be dry, free of grease and oil and brushed free of loose dirt. Stripping paints will not adhere to unclean surfaces. Application equipment must be clean from all previous paint(s).

### Thinning

Thinning is not required, and is not recommended. Dilution can adversely affect film build, appearance and adhesion. DO NOT add gasoline, oil or any other petroleum-based products.

### Drying Times

Dry times are dependent upon weather conditions. The warmer the temperature, the faster the paint will cure. Direct sunlight will speed up dry times. For this product, a basic drying schedule is:

<table>
<thead>
<tr>
<th>Time</th>
<th>Condition</th>
</tr>
</thead>
<tbody>
<tr>
<td>10 min.</td>
<td>(walk on)</td>
</tr>
<tr>
<td>40 min.</td>
<td>(drive on)</td>
</tr>
</tbody>
</table>

Note: changes in weather conditions (i.e. temp. dropping after application, cold surface temp.) can delay above cure times drastically.

### Application

Mix paint thoroughly before using. Surfaces should be clean and free from dirt and debris. New sealed or asphalt surfaces should be allowed to cure before application. Paint only in dry weather with no forecast for rain. May be applied by a spray machine, roller or brush.

**Application Rates:**
- Apply at 12-15 mils. wet
- 7.5 mils dry

**Coverage:**
- Approx. 400 linear ft./gal. with a 4” stripe
- Approx. 90 ft²/gallon (20 gal. = 1 mile @ 4”)

Glass beads can be broadcast or mixed into paint at a rate of 4 - 6 pounds of beads per gallon. If spraying, do not mix beads directly into paint.

### Application Conditions

Recommended application conditions: Apply between 40°F minimum and 90 °F and at least 5 °F above dew point with a relative humidity below 85%. Best if applied at surface and ambient temperatures of 50°F and above.

### Application Equipment

**Spray Equipment:** Always purge spray equipment of cleaning solvent before using this product. Straining the paint when using spray equipment is ALWAYS recommended. Recommended cleaning solvent: Toluene or Acetone

Airless Sprayers: Use pressure between 1500-2000 psi - with tip size between .015” - 0.19” (note: use the lowest pressure necessary to achieve a flat edge-line)

Note: It is recommended to keep separate sprayers for latex and solvent based paints. If the same spray machine is used for both types of paint extra care must be taken to avoid cross-contamination. Latex and solvent based paints are NOT COMPATIBLE.

**Roller:** Use 3/8” Shed-resistant cover with phenolic core

**Brush:** Use Nylon/Polyester Natural Bristle

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