

**Product Data Sheet**  
**Black Chlorinated Traffic Marking Paint**  
**#11089B**

| PRODUCT DESCRIPTION  |                      |                 |         | PRODUCT CHARACTERISTICS  |  |  |  |
|--|----------------------|-----------------|---------|--|--|--|--|
| A moderately fast drying chlorinated marking paint for concrete, brick and bituminous surfaces. This product has been designed for painting centerlines, edge lines and auxiliary markings of highways, runways, crosswalks, stop zones, parking lots, storage zones, traffic aisles, etc. |                      |                 |         | Vehicle Type: Chlorinated Rubber Alkyd Blend   |  |  |  |
|  |                      |                 |         | Viscosity: 75 to 85 KU   |  |  |  |
|  |                      |                 |         | Weight Solids: 71.00% minimum  |  |  |  |
|  |                      |                 |         | Volume Solids: 50.00% minimum  |  |  |  |
|  |                      |                 |         | Density (Weight per Gallon):<br>11.50 ± 0.20 lbs/gal   |  |  |  |
|  |                      |                 |         | VOC (minus exempts): 147 g/L   |  |  |  |
|  |                      |                 |         | VOC (with exempts): 93 g/L   |  |  |  |
|  |                      |                 |         | Dry time: No-Pick-Up: <10 minutes<br>Dry Through: <25 minutes<br><i>(Note: Applied film thickness, relative humidity, and temperature will affect dry time)</i>  |  |  |  |
|  |                      |                 |         | Shelf Life: 12 months if unopened and stored in a cool area.   |  |  |  |
|  |                      |                 |         | <b>THIS PRODUCT IS MANUFACTURED TO MEET THE V.O.C. REQUIREMENTS SET FORTH IN FEDERAL EPA 40 CFR 59, SUBPART D, TABLE 1.</b>  |  |  |  |
|  |                      |                 |         | <b>THIS PRODUCT DOES NOT CONTAIN MERCURY, LEAD, HEXAVALENT CHROMIUM, HALOGENATED SOLVENTS, NOR ANY CARCINOGEN, AS DEFINED IN 20 CFR 1910.1200.</b>   |  |  |  |
|  |                      |                 |         | <b>Note:</b> These results 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. |  |  |  |
| PERFORMANCE CHARACTERISTICS  |                      |                 |         |  |  |  |  |
| Meets/Exceeds Federal Specification A-A-2886B Type II  |                      |                 |         |  |  |  |  |
| Test Description   | Test Method          | Requirements    | Results |  |  |  |  |
| Color (black)  | Fed. Std. 595 #37038 | 6 CIE Lab       | Pass    |  |  |  |  |
| Fineness of Grind  | ASTM D1210           | 3 Hegman min.   | Pass    |  |  |  |  |
| Dry Time No-Pick-Up  | ASTM D711            | 10 minutes max. | Pass    |  |  |  |  |
| Flexibility  | ASTM D522            | Pass            | Pass    |  |  |  |  |
| Consistency  | ASTM D562            | 70 - 85 Ku      | Pass    |  |  |  |  |
| Accelerated Package Stability  | ASTM D1849           | <5 KU change    | Pass    |  |  |  |  |
| Water Resistance   | ASTM D1306           | Pass            | Pass    |  |  |  |  |
| Bleeding Ratio   | ASTM D969            | 0.90 min        | Pass    |  |  |  |  |
| Dry Opacity  | Fed-Std-141          | 1.00 min        | Pass    |  |  |  |  |
| Accelerated Weathering   | ASTM G53             | Pass            | Pass    |  |  |  |  |

**READ AND FOLLOW ALL INSTRUCTIONS AND WARNINGS ON PRODUCT LABELS AND DATA SHEETS.**

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**SOLVENTBORNE TRAFFIC MARKING PAINT APPLICATION REQUIREMENTS**

**SURFACE PREPARATION**

The surface to be painted must be dry and free of loose paint, grease, oil, and dirt. Striping paints will not adhere to unclean surfaces. New concrete must be allowed to fully cure before painting. Adhesion can be adversely affected by sealers and efflorescence on new concrete. These should be removed by etching, abrasive blasting, or allowing the surface to weather for an extended period of time. New concrete and/or asphalt should be allowed to age for several months before painting. Shrinking of the paint film during drying can cause lifting or cracking of asphalt if the surface is not fully cured. Applying a test stripe to test for adequate cure of new asphalt is recommended. If painting new asphalt is necessary, using a reduced film thickness will minimize the possibility of asphalt lifting. Excessive film build will increase the chance of lifting.

**APPLICATION PROCEDURES**

Application equipment must be clean from all previous paint(s). Stir all containers thoroughly before using. May be applied by spray equipment, brush, or roller. Straining the paint when using spray equipment is recommended. Paint only in dry weather. Higher humidity levels and lower temperatures (air, surface, and material) will increase dry time. Weather conditions after the application could also have an adverse affect on performance. Recommended application conditions: 40° F minimum and 90° F maximum, at least 5° F above dew point and a maximum of 85% RH. Apply to a wet film thickness of 12 - 15 mils. Using proper equipment will maximize proper film build, coverage, and performance. Protect painted surfaces from traffic until thoroughly dry. Painted surfaces may become slippery when wet. Dry times are dependent upon weather and surface conditions as well as film thickness and product type.

**COVERAGE**

Coverage is dependent upon user and usage. Normally, approximately 90 square feet per gallon. In terms of striping, approximately 20 gallons will stripe a 4-inch line one mile using spray equipment. Over applying paint may cause "mud cracking" and may affect adhesion and longevity. Under applying paint may cause premature wear off and/or premature fading of color.

**HANDLING SAFETY**

**DO NOT SMOKE WHILE USING THESE PRODUCTS.** These products contain extremely flammable solvents. Keep away from open flame. Close and seal container after each use. Empty containers may still contain flammable vapors and should be treated the same as full containers. Avoid prolonged or repeated contact with skin. Avoid breathing of vapors or spray mist. Do not take internally. Wear respirator, eye protection and protective clothing when handling. Store in a cool dry place, do not store outdoors or in direct sunlight. See MSDS for further information.

**THINNING**

Coating is to be applied without thinning. **DO NOT ADD GASOLINE** or any other petroleum-based products. No thinning is recommended, as it can adversely affect film build, appearance, and adhesion.

**CLEAN UP**

Clean all brushes, rollers, tools, and spray equipment immediately with toluene or equivalent to prevent drying. Comply with all Federal, State and Local requirements for disposal of paints and related materials.

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