BioStripe™

World's First Waterborne Traffic Paint from Natural Soybean Oil

DESCRIPTION:	WATERBORNE ALKYD LATEX TRAFFIC MARKING PAINT
COLOR:	YELLOW – FED STD 33538
CORRESPONDING CODE:	72Y-A107
TYPICAL USE:	HIGHWAYS, AIRPORTS, PARKING LOTS
DRY TIME:	20 MIN. @ 77°F. FOR COMPLETE DRYING AND MINIMUM DIRT RETENTION, LOTS SHOULD BE CLOSED TO TRAFFIC FOR TWO HOURS MINIMUM AFTER PAINTING.
COVERAGE:	APPROX. 320 LINEAR FEET OF 4" LINE APPLIED @ 15 MILS

TECHNICAL DATA AND PRODUCT SPECIFICATIONS MAY BE FOUND ON THE REVERSE SIDE OF THIS DOCUMENT.

GENERAL INFORMATION

The following information has been provided as a general guideline for the use and disposal of Aexcel traffic marking paints. It is also very beneficial to run a small test in a non-critical area in order to ensure the surface preparation, weather conditions, equipment and product are suitable and working properly.

SURFACE PREPARATION

Care should be taken to ensure that the surface is clean, dry and free of loose material. A simple leaf blower is typically sufficient to remove gravel and dust in most instances. When applying over previously coated areas, however, take special care to remove any loose or peeling paint. Other surface conditions, such as areas with large amounts of engine oil buildup or existing epoxy coatings, may require a power washing procedure or abrading the surface before application of the paint. New concrete and asphalt should be aged for a minimum of 30 days prior to painting. Do not use these products over a freshly sealed surface. Sealers can affect the adhesion and cure of traffic marking paints. For more information on the surface, please consult with the supplier or applicator of the surface.

WEATHER CONDITIONS AND APPLICATION

Air temperature, surface temperature, humidity, and the weather conditions following application are extremely important factors in the success of the products. Aexcel formulates these coatings to be applied without further reduction. They can also be used in conjunction with the application of glass beads to improve reflectivity without sacrificing other properties. Protect fresh lines from traffic until thoroughly dry. These, as well as all water-based coatings, should not be applied to surfaces less than 50°F, when the relative humidity is greater than 80% and/or less than 24 hours before any expected precipitation. **EVENING AND NIGHT APPLICATIONS SHOULD BE AVOIDED WHENEVER POSSIBLE DUE TO THE COOLER TEMPERATURES. AT LOWER TEMPERATURES OR HIGHER HUMIDITY, A SIGNIFICANT AMOUNT OF EXTRA TIME WILL BE NEEDED FOR THE PAINTS TO DRY. DO NOT APPLY WHEN TEMPERATURE AND HUMIDITY ARE NEAR OR BELOW THE DEW POINT.**

EQUIPMENT

Tip size, fluid pressure, atomizing air pressure, paint viscosity and paint temperature are all critical to the appearance, consistency, and performance of the paint. The equipment must be matched to the paint being applied in order to achieve the proper film thickness and coverage. When using a water-based product, the equipment must be made with stainless steel or some other material that will not react with the paint and cause application or storage problems. Typical tip sizes for "airless" machines are .019"-.021", while "air-atomized" machines use .086"-.11" at 60 lbs. pressure. For more information, please consult with the equipment manufacturer.

PAINT SELECTION AND SAFETY

Protect these and all water-based coatings from freezing. Use only paint recommended or specified for each application. Shelter the containers when possible and avoid prolonged outside storage. Agitation of the paints by stirring or shaking should be performed in order to ensure uniform consistency, application and performance. When storing partially filled containers, a small amount of water may be added and allowed to stand on top in order to avoid "skinning". Always be sure the containers are sealed tightly during transporting or storing in order to avoid spillage, risk of fire and solvent evaporation. Keep paints away from heat and flame. Consult the MSDS and/or labels for further safety, first aid, and spill or leak procedures.

WASTE DISPOSAL

Comply with all regulations regarding handling, storage, and disposal of all hazardous materials and waste. Consult local agencies or disposal companies for individual instructions and requirements. **Improper disposal of paint and their related materials is illegal and may result in large fines.** Please comply with all regulations and minimize waste whenever possible.

NAME:	WATERBORNE ALKYD LATEX TRAFFIC PAINT
COLOR:	YELLOW
CODE:	72Y-A107
COLOR STANDARD NUMBER, Fed. Std. 595:	33538
REFLECTANCE: (50% Minimum)	77%
VISCOSITY @ 77°F, Kreb Units (80 - 90):	75 – 95 KU
WT.GAL. @ 77°F (12.0 minimum):	13.50 +/- 0.2
PIGMENT, % By Weight: (60 – 62%)	60.0%
TOTAL SOLIDS, % By Weight: (70% Min.)	75.8%
% VOLUME SOLIDS: (60% Minimum)	60.1%
DRY TIME (NO PICKUP):	20 minutes
DRY THROUGH @ 90% RH	2 hrs
V.O.C.: (MINUS WATER):	0.72 Lb./Gal. (86.38 g/liter)

CLEANUP SOLVENTS: Mixture of water and mild household detergent

Note: These products are not recommended for crosswalks or other "high-traffic" auxiliary markings.

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