



DESCRIPTION:	V.O.C. COMPLIANT ACRYLIC SOLVENT-BORNE TRAFFIC PAINT	
COLOR:	WHITE	YELLOW
CORRESPONDING CODE:	22W-D015	22Y-D014
APPLICABLE SPECIFICATION:	FEDERAL AND OTC VOC COMPLIANT	
TYPICAL USE:	STREETS, CROSSWALKS, PARKING LOTS, AND AUXILIARY MARKINGS	
DRY TIME:	60 SEC. APPLIED @ 130-145°F, 10 MIN. @ 77°F (WITHOUT BEADS) 3 MINUTE NO PICK-UP AT 15 MILS AT 77°F (WITH BEADS)	
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 coatings should not be applied at temperatures below 40°F and/or less than 2 hours before any expected precipitation. Evening and night applications should be avoided whenever possible due to the cooler temperatures. At lower temperatures or when humidity is extremely high, a significant amount of extra time will be needed for the paints to dry.

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. These V.O.C.-compliant coatings contain extremely volatile solvents and should not be applied with paint temperatures above 120°F at the gun tip. 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

These coatings, like all solvent-based products, are extremely flammable. Do not smoke or weld while working with these paints. Empty containers that held these products will also contain residual vapors and should be handled in the same manner as those that are full. 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 solvent 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, personal protection, 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.

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COLOR:	WHITE	YELLOW
CODE:	22W-D015	22Y-D014
COLOR STANDARD – MUNSELL BOOK:	N 9.5/0	10 YR 8/14
REFLECTANCE (ASTM E1347)	87% min.	55% min.
VISCOSITY (ASTM D562 PROCEDURE B):	75-95 KU	75-95 KU
WEIGHT PER GALLON @ 77°F, LB.:	12.80 +/- 0.2	12.25 +/- 0.2
PIGMENT, % By Weight (ASTM D3723):	58-62%	58-62%
TOTAL SOLIDS, % By Weight (ASTM D3723):	76% min.	76% min.
% VEHICLE NON-VOLATILE (ASTM D3723):	43% min.	43% min.
YELLOWNESS INDEX (ASTM D1925):	0.12 max.	N/A
DRY TIME WITH BEADS (ASTM D711):	3 minutes max	3 minutes max
V.O.C. (150 g/l Max):	150 g/l max.	150 g/l max.
DRY OPACITY (ASTM D2805):	0.95 min.	0.95 min.
ABRASION RESISTANCE (ASTM D4060):	50 milligrams max.	50 milligrams max.
FLEXIBILITY (FED STD TT-P-85E):	No cracks or flakes	No cracks or flakes
FREEZE-THAW STAB. (FED STD TT-P-1952B):	15 KU's max.	15 KU's max.
IR SPEC. ANALYSIS (ASTM D2621):	ON FILE	ON FILE
CLEANUP SOLVENTS:	Acetone, Methyl-Ethyl Ketone or equivalent	

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