Product Data Sheet

October 26, 2016

DESCRIPTION:	12Y-D272 YELLOW ALKYD ZONE MARKING PAINT
COLOR:	FED. STD: 595B 33538
APPLICABLE SPECIFICATION:	TTP-85E & /115F TYPE I / AASHTO M-248 TYPE S/ GSA A-A-2886B
TYPICAL USE:	PARKING LOTS, AIRPORTS, SAFETY ZONES
DRY TIME:	MAXIMUM 30 MINUTES @ 77°F
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.

WARNING Do not use Aexcel traffic marking paint on large pedestrian surfaces including, but not limited to, ramps, walkways, stairs, and floors. When the paint is applied to areas where there may be pedestrian traffic, always apply in conjunction with sufficient anti-slip additives to ensure traction. Failure to add anti-slip additives could contribute to falls that could result in serious injury or death.

See ANSI/NFSI B101.1 & ANSI/NFSI B101.3 for guidance on increasing slip resistance

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. Use caution when striping 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 solvent-borne coatings, should not be applied at temperatures below 50°F and/or less than 6 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. 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, as are 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.

NAME:	ALKYD ZONE MARKING PAINT
COLOR:	YELLOW
CODE:	12Y-D272
VISCOSITY @ 77°F, Kreb Units (KU):	85-95
WEIGHT PER GALLON @ 77°F, Lbs.:	12.63 ± .20
PIGMENT, % By Weight:	63.4 ± 2.0
TOTAL SOLIDS, % By Weight:	77.5 ± 2.0
NON-VOL. VEHICLE, % By Weight of Vehicle:	35.4 ± 2.0
REFLECTANCE, %:	50.0 Minimum
OPACITY, 10 Mils:	0.95 Minimum
DRY TIME TO NO PICK UP, Minutes:	30 Maximum
V.O.C.:	2.85 Lb./Gal. (341.09 g/Liter)
WATER CONTENT:	Less than 1%
BLEEDING RATIO:	.96
CLEANUP SOLVENTS:	Toluene, Methyl-Ethyl Ketone or equivalent.

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