

Description:	Durable Methyl-Methacrylate System (98:2) - Traffic Paint
Code:	NAX01P
Colors Part A:	
White	RAL 9016
Yellow	RAL 1023
Red	RAL 3020
Gloss:	Opaque
Combination Rate	98:2 part B (Benzoyl Peroxide Powder)
Typical Use:	Crosswalks, Parking Lots, Traffic Signs on Roads
Cure Time:	Less than 30 Minutes @ 25°C
Glass Beads:	0.5 Kg for 1 square meter PANA drop on grades

GENERAL INFORMATION

The following information has been provided as a general guideline for the use and disposal of LOTUS 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. Methacrylates should be applied to unpainted substrates or to previous methacrylate coatings. They will not adhere to existing waterborne or thermoplastic markings. They will adhere to solvent markings, however to ensure bonding, there should be less than 25% of the old coating remaining prior to applications. 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. Do not apply to wet surfaces or over existing painted areas. LOTUS 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. This coating should not be applied to surfaces less than 35°F or to surfaces above 135°F.

EQUIPMENT

The equipment must be matched to the paint being applied in order to achieve the proper film thickness and coverage. Methyl-Methacrylate coatings require specialized application equipment and should never be applied using standard equipment. Equipment recommendations are available upon request.

PAINT SELECTION AND SAFETY

Use only paint recommended or specified for each application. Methyl-Methacrylates give off large amounts of heat upon reaction. Mixing volumes of more than five gallons at a time is not recommended due to the exothermic reaction. 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. 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.

Product Data Sheet:

Reflectance:	White86%(~55% colored)	E97
Density(gram/cm ³):	1.75 minimum	D1475
Solid by Weight	99% minimum	D1644

Properties after combination part A and B (98:2):

Catalyst Part B:	Benzoyl Peroxide Powder
Gel Time @ 25° C	15' Max
Cure Time @ 25° C	30' Max
Chemical Resistance:	No effect after 7 days immersion in antifreeze, motor oil, diesel fuel, gasoline, calcium chloride or transmission fluid
Skiing Resistance(SRT):	Passed EN1436