



Sher-Endure™

“Methyl-Methacrylate (MMA) 98:2 Extrude”

Product No:	7002W982A and 7003Y982A
Description:	Sher-Endure™ White and Yellow Methyl-Methacrylate (MMA) 98:2 Extrude Traffic Marking Paint.
Color:	White and Yellow – Part “A”
Catalyst:	Catalyze 98:2 by weight with Part “B” 9999CPOWD, BPO Powder catalyst.
Typical Use:	Crosswalks, stop bars, signage, and other areas where durability is critical.
Dry Time:	Less than 30 minutes at 77°F
Coverage:	Approximately 13-15 sq. ft. per gallon at 90 mils.

TECHNICAL DATA AND PRODUCT SPECIFICATIONS MAY BE FOUND ON PAGE 2 OF THIS DOCUMENT.

General Information:

The following information has been provided as a general guideline for the use and disposal of Sherwin-Williams 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 application. 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 the traffic marking paints. For more information on the surface, please consult with the supplier or applicator of the surface.

Weather Conditions and Applications:

Air temperature, surface temperature, humidity and the weather conditions following application are extremely important factors in the success of the product. Do not apply to wet surfaces or over existing painted areas. Sherwin-Williams 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 <40°F or to surfaces >110°F.

Equipment:

The equipment must be matched to the material 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.

Material Selection and Safety:

Use only paint recommended products or specified for each application. MMA gives off large amounts of heat upon reaction. Mixing volumes of more than 5 gallons at a time is not recommended due to the exothermic reaction. Shelter the containers whenever possible and avoid prolonged outside storage. Agitation by stirring or shaking should be performed in order to achieve uniform consistency, application and performance. Always ensure containers are tightly sealed during transport or storage to avoid spillage, fire or solvent evaporation. Keep away from heat and flame. Consult MSDS 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 material is illegal and may result in large fines. Please comply with all regulations and minimize waste whenever possible.

Sher-Endure™ "MMA" - 98:2 Extrude		
Product Number:	7002W982A	6003Y982A
Color:	White	Yellow
Viscosity @77°F:	Daniel Flow Gauge of 13-14	
Weight per Gallon @ 77°F, Lb.:	16.8 +/- 0.2	16.2 +/- 0.2
Total Solids, % by Weight:	99.0 Min.	
Properties (after combining 98:2 Part "A" to Part "B" Catalyst by Weight)		
Catalyst, Part "B":	9999CPOWD	
Gel Time (minutes):	12 Max.	
No Track Time, Minutes:	30 Max.	
Hardness, Shore Diameter, Type D:	50 Min.	
Dry Film Reflectance, % of Magnesium Oxide:	85 Min.	50 Min.
Tensile Strength, dPa @ Break:	860 Min.	
Chemical Resistance:	* No effect after 7 days.	
Cleanup Solvent (green):	** Citro-D	
Cleanup Solvent (conventional):	*** Toluene or methyl Ethyl Ketone	

*No effect after 7 days immersion in antifreeze, motor oil, diesel fuel, gasoline, calcium chloride or transmission fluid.

** CITRO-D Thermoplastic Equipment Cleaner – MGI Traffic Control Products (natural – biodegradable – organic).

*** Follow manufacturer's recommendations for safe use of solvents.

All information, recommendations and suggestions appearing in this bulletin concerning the use of our products are based on tests and data believed to be reliable. However it is the user's responsibility to determine the suitability for his own use of the products described herein. Since the actual use by others is beyond our control, no guarantee, expressed or implied, is made by the Sherwin-Williams Company as to the effects of such use or the results obtained, nor does the Sherwin-Williams Company assume any liability arising out of the use by others, of the products referred to herein. Nor is the information referred to herein to be construed as absolutely complete since additional information may be necessary or desirable when particular or exceptional conditions or circumstances exist or because of applicable laws or government regulations. Nothing herein contained is to be construed as permission or as a recommendation to infringe any patent.