



DESCRIPTION:	25G-G002 Roadzilla™ Green Methyl-Methacrylate (MMA) 98:2 Area Marking Two-Component Traffic Marking Paint
COLOR:	Green – Part “A” (Catalyze 98:2 by weight with Part “B” Benzoyl Peroxide)
CORRESPONDING CODE:	25G-G002
APPLICABLE SPECIFICATION:	Various
TYPICAL USE:	Area markings, bike paths, and other areas where durability is critical
DRY TIME:	Less than 30 minutes at 77°F
COVERAGE:	Approximately 25 sq. ft. per gallon at 60 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. 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. 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. 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.

MIX INSTRUCTIONS

Mix recommended amount of MMA with appropriate amount, type and size of aggregate with a clean mixing paddle and high torque drill until uniform. Amount, type and size vary per job and specification. Aexcel Corporation's standard recommended mixing ratio is 2 gallons of liquid MMA to 18 lbs of aggregate. We recommend two different size aggregates for 60 mil and 90 mil surface application. Either size aggregate can be used for inlay applications. Approved types of aggregate are silica sand and corundum aluminum oxide. After mixing in aggregate, add the recommended amount of powder catalyst and mix until uniform. 2 gallons of liquid MMA and 18 lbs of aggregate will mix to approximately 2.55 gallons. Coverage will be approximately 25 sq. ft. per gallon at 60 mils or 16 sq. ft. per gallon at 90 mils.

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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CODE: 25G-G002

VISCOSITY @ 77°F, Brookfield LV #4 Spindle 60 RPM: 90-100 KU’s

WEIGHT PER GALLON @ 77°F, Lb.: 13.0 +/- 0.2

TOTAL SOLIDS, % By Weight: 99.0 Minimum

PROPERTIES: (After combination at 98:2 Part “A” to Part “B” Catalyst by weight and appropriate amount of aggregate)

CATALYST, Part “B”: Benzoyl Peroxide

AGGREGATE MOHS HARDNESS: 7 Minimum

GEL TIME, Minutes @ 77°F: 10 Maximum

SKID RESISTANCE (ASTM E 303) 60 Minimum

CURE TIME, Minutes @ 77°F: 30 Maximum

COLOR: Falls within daytime chromaticity coordinates of

1		2		3		4	
x	y	x	y	x	y	x	y
0.230	0.754	0.266	0.460	0.367	0.480	0.444	0.583

DAYTIME LUMINANCE FACTOR (Y): 7-35

CHEMICAL RESISTANCE: No effect after seven days immersion in antifreeze, motor oil, diesel fuel, gasoline, calcium chloride or transmission fluid

CLEANUP SOLVENTS, Green: CITRO-D Thermoplastic Equipment Cleaner - MGI Traffic Control Products (Natural - Biodegradable- Organic)

Conventional: Acetone

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