



DESCRIPTION:	ROADZILLA® RED METHYL-METHACRYLATE (MMA) 98:2 AREA MARKING TWO-COMPONENT TRAFFIC MARKING PAINT
COLOR:	RED – PART “A” (CATALYZE 98:2 BY WEIGHT WITH PART “B” BENZOYL PEROXIDE)
CORRESPONDING CODE:	PART A: 25R-G010
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

To avoid slips and falls, do not use Aexcel traffic marking paint on large pedestrian surfaces or inclined surfaces including, but not limited to, ramps, walkways, stairs, **crosswalks, and loading zones. As another example, do not paint an entire traffic stall.** When the paint is applied to areas where there may be pedestrian traffic, always apply it 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 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. Methacrylate 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 it 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 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-Methacrylate gives 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 to ensure uniform consistency, application and performance. Always be sure the containers are sealed tightly during transporting or storing to avoid spillage, risk of fire and solvent evaporation. Keep paints away from heat and flame. Consult the SDS and/or labels for further safety, first aid, and spill or leak procedures.

MIX AND APPLICATION INSTRUCTIONS

Mix MMA with premeasured amount of BPO powder catalyst with a clean mixing paddle and high torque drill for 1-2 minutes until completely dispersed. Then add the appropriate amount, type and size of aggregate and mix for 1 minute until uniform. Apply material with a flat squeegee and back roll with a 1/4-3/8-inch nap roller to desired roughness. Amount, type and size of aggregate vary per job and specification. Aexcel Corporation's standard recommended mixing ratio is 2 gallons of liquid MMA, 2 jars of premeasured BPO powder and 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. The approved types of aggregate are silica sand and corundum aluminum oxide. 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. A 2 gallon bucket with 18 lbs of aggregate added will cover approximately 63 sq. ft at 60 mils and 40 sq. ft 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 its related materials is illegal and may result in large fines.** Please comply with all regulations and minimize waste whenever possible.

NAME: Roadzilla® Red Methyl-Methacrylate (MMA) 98:2 Area Marking Two-Component Traffic Marking Paint

COLOR: Red – Part “A” (Catalyze 98:2 by wt. with Part “B” Benzoyl Peroxide)

CODE: 25R-G010

VISCOSITY @ 77°F, Krebs Unit: 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)

CATALYST, Part “B”: Benzoyl Peroxide

GEL TIME, Minutes @ 77°F: 10 Maximum

SKID RESISTANCE (ASTM E 303) 45 Minimum

CURE TIME, Minutes @ 77°F: 30 Maximum

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

REVISION DATE: 8/15/24



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