DESCRIPTION: 25W-G007PRO ROADZILLA™ White Methyl-Methacrylate (MMA) 4:1 Profile Two-Component Traffic Marking Paint

COLOR: White – Part A Catalyst – Part B

CORRESPONDING CODE(S): 25W-G007PRO 95W-D006PRO

APPLICABLE SPECIFICATION: Type II – Profile

DRY TIME: Less than 25 minutes at 77°F

COVERAGE: Approximately 18 sq. ft. per gallon at 90 mils

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 105°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.
NAME: ROADZILLA™ White Methyl-Methacrylate (MMA) 4:1 Two-Component Traffic Paint

COLOR: White – Part A Yellow- Part A Catalyst – Part B

CODE: 25W-G007PRO 25Y-G006PRO 95W-D006PRO

VISCOSITY @ 77°F, Brookfield RVF #7 Spindle 20 RPM: 26,000-28,000 cps

WEIGHT PER GALLON @ 77°F, Lb.: 15.5 +/- 0.2

TOTAL SOLIDS, % By Weight: 99.0 Min. 9.0 min 99.0 Min.

PROPERTIES AFTER COMBINATION AT 4:1 PART A:PART B BY VOLUME

GEL TIME, Minutes: 12 Maximum 12 Max

TOTAL SOLIDS, % By Weight: 99.0 Minimum 99 min

NO TRACK TIME, Minutes @ 77°F: 25 Maximum 25 max

HARDNESS, Shore Durameter, Type A-1: 80 Minimum 80 min

DRY FILM REFLECTANCE, % of Magnesium Oxide: 85 Minimum 50% min

TENSILE STRENGTH, kPa at Break: 125 Minimum 125 min

PERCENT ELONGATION: 20% Minimum 20% min

WATER ABSORPTION: 0.5% Maximum 0.5% max

ULTRA-VIOLET LIGHT: no effect no effect

SKID RESISTANCE: 45 Minimum (British Pendulum) same

INITIAL REFLECTIVITY: 200 Minimum 200 min

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

CLEANUP SOLVENTS: Toluene or Methyl-Ethyl Ketone

NOTE: For best results, topcoat with at least 8 pounds per 100 square feet of AASHTO M247 Type I, 80% round or higher glass beads with Potters AC-02 coating or Swarco’s T-13 coating. We recommend using the 30/50 Megalux beads with the T-13 coating from Swarco. Product data sheets of the beads are available upon request. Different gradations and coverage rates may be required based on the specifics of the installations. Use of other coatings on the glass beads could affect the cure and durability of the material.

CAUTION: The catalyst portion can not be frozen or stored in freezing temperatures.