



TECHNICAL DATASHEET

EURO MS+ 2:1

ART. NO: # 190.200.5 (5L) & # 190.200.1 (1Qt.)

EURO MS+ 2:1 is a premium polyurethane clear coat designed for car refinishing in two stage systems. Stands out for its anti-scratch (“Car Wash” Test) properties, easy application and good leveling capabilities. Also has excellent resistance to UV, fuel and gasoline and can be applied directly on any water of solvent based base coat.

FEATURES

- ✓ Easy to use
- ✓ Excellent leveling capabilities
- ✓ Superb blending
- ✓ Excellent gloss retention
- ✓ Can be applied to flexible parts
- ✓ Guaranteed performance
- ✓ Stands out for its anti-scratch properties (“Car Wash” Test)
- ✓ Excellent resistance to UV, fuel and gasoline.

COMPATIBLE SURFACES

- ✓ Water & Solvent base coats
- ✓ Activated polyurethane enamel (must be cured at least 8 hours)
- ✓ Activated acrylic urethane enamel (must be cured at least 8 hours)
- ✓ Sanded OEM clear coats (P800)

CONDITIONS OF USE AND CONFORMITY

The before mentioned technical data and information, especially the recommendations for applying and using our products, are based on our current knowledge and experience when applied under normal conditions. In practice, the materials, surfaces or site conditions are so different that no warranty regarding the working results or liability, arising out of any relationship, can be inferred neither from this information nor from a verbal consultation, except we are charged with intent or gross negligence. In this case the user is obliged to prove that he has informed us about all points required for a proper and promising judgment in writing, in time and completely. Patent rights of any third party are to be observed. Furthermore, our general sales and delivery Terms and Conditions and the latest Technical Data Sheet, which should be demanded, apply.

HEALTH & SAFETY

See Safety Data Sheet and labels for additional safety information and handling instructions. Directions for handling and waste disposal are in our Material Safety Data Sheet and the specifications of the Employers Liability Insurance Association for the chemical industry. Wear appropriate PPE such as eye and skin protection. In the event of injury, see first aid procedures on SDS. Always observe all applicable precautions and follow good safety and hygiene practices.

| Product (Part A) VOC Regulatory Data For USA (National Rule & Low VOC) / Canada | | |
|--|----------|----------|
| | g/L | LBS/GAL |
| Actual VOC | 549.17 | 4.58 |
| Regulatory VOC <small>(less water & exempt solvents)</small> | 549.17 | 4.58 |
| Density | 980 | 8.18 |
| | WEIGHT % | VOLUME % |
| Total Solid Content | 44% | 45% |
| Total Volatile Content | 56% | 55% |
| Water | 0% | 0% |
| Exempt Compound Content | 0% | 0% |

| Hardener (Part B) VOC Regulatory Data For USA (National Rule & Low VOC) / Canada | | |
|---|----------|----------|
| | g/L | LBS/GAL |
| Actual VOC | 617.51 | 5.15 |
| Regulatory VOC <small>(less water & exempt solvents)</small> | 617.51 | 5.15 |
| Density | 990 | 8.26 |
| | WEIGHT % | VOLUME % |
| Total Solid Content | 38% | 38% |
| Total Volatile Content | 62% | 62% |
| Water | 0% | 0% |
| Exempt Compound Content | 0% | 0% |

| RTS VOC Regulatory Data For USA (National Rule & Low VOC) / Canada | | |
|---|---------------|----------|
| Coating Category | Clear Coating | |
| Mixing Ratio | 2:1 | |
| | g/L | LBS/GAL |
| Actual VOC | 571.95 | 4.77 |
| Regulatory VOC <small>(less water & exempt solvents)</small> | 571.95 | 4.77 |
| Density | 983.33 | 8.21 |
| | WEIGHT % | VOLUME % |
| Total Solid Content | 42.0% | 42.7% |
| Total Volatile Content | 58.0% | 57.3% |
| Water | 0% | 0% |
| Exempt Compound Content | 0% | 0% |

PRODUCT DATA

Dry Film Thickness / coat (DFT): 1.0

Coverage: 323 Sq. Ft. / gal @ 2 mil*

Shelf Life: 24 months

Package: 5 Liters or 1 Quart

Number per case: 4(5L) or 12(QT)

Safety Data Sheet (SDS) is available on our website

TECHNICAL DATASHEET



HANDLING

MIXING

Make sure product is at room temperature 72°F (22.2°C) before mixing

2 Parts Clear: # 190.200.5 (5L)

190.200.1 (1QT)

1 Part Activator: # 191.200.S (2.5L) - Slow

191.200.M (2.5L) - Medium

191.200.F (2.5L) - Fast

191.201.M (500ML) - Medium



APPLICATION VISCOSITY

20 s. with a viscometer Ford #4 at room temperature 72°F (22.2°C)



POT LIFE

2 - 3 hours @ 70°F (20°C)



GUN SETUP

Conventional Gravity: 1.3mm - 1.6mm 35 - 45 psi @ gun

Siphon: 1.4mm - 1.8mm 35 - 45 psi @ gun

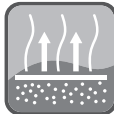
HVLP Gravity: 1.3mm - 1.4mm 15 - 25 psi @ gun



APPLICATION

1. Apply basecoat color per recommended procedures

2. Apply a first medium wet coat followed with a full wet coat with 10-15 minutes flash between coats



FLASH TIME

Between coats: 10 - 15 minutes

Before force dry: 15 minutes



DRY TIMES

Dust Free: 20 minutes depending on temperature and activator selection

Force Dry: 30 minutes @ 140°F (60°C)

Air Dry: 12 - 14 hours @ 75°F (23.9°C)

Time to decal: 48 hours

Time to deliver: 15 - 22 hours air dry or 1 hour after cool down when forced dry



SANDING & BUFFING

Optimum Times: **Force Dry:** 1 - 2 hours after cool down

Air Dry: 15 - 22 hours



Sanding:

Use 1500 grit or finer wet sandpaper or use a foam interface pad with P1500 grit or finer DA paper.

Polishing:

Using polishing foam pad apply a ribbon of material to work a 2-3 foot square area. Maintain buffer speed at 1500-2200 rpm. Keep buffer moving at all times overlapping approximately 50% each pass. Wipe off excess compound with clean soft cloth. Hand buff with clean soft cloth as a finishing touch.