



Reflective Products That Save Lives

# ReflectoSphere RSA 6000 Series

## Retro-Reflective Tinted Latex Enamels

*Economy Grade*

### Description

RSA 5000 Series is a fast drying, single-package water-thinned, latex enamel, available in a variety of colors which produces a retro-reflective matte finish. It may be applied to a wide variety of substrates, including bare galvanized steel, properly prepared and primed mild steel and aluminum, previously painted metals, bare concrete that is clean and aged at least 3 months, pavement, primed wood, cardboard and many plastics. When increased night time visibility is required temporarily, RSA 6000 Series may be applied over virtually any clean, contaminant-free solid surface. When applied as directed, the dry film produces vibrant day time colour, and at night / conditions of low visibility, will reflect point source light back to the source as brilliant white. This reflectivity is uniform, regardless of the angle of combined light source and viewing. Packaged in 4, 20, 100 and 200 liter containers.

RSA 6000 Series colors include RSA 6000 Grey; RSA 6001 Blue; RSA 6002 Green; RSA 6003 Red; RSA 6004 Fluorescent Blaze Orange; RSA 6005 Fluorescent Rocket Red; RSA 6006 Translucent Clear. They provide convenient and instant reflectivity wherever increased night time visibility is needed for safety. They are ideal for reflectorizing helmets, bicycles, snowmobiles, sports equipment, signs, signposts, truck, car and van accessories, house numbers and many other surfaces. Industrial uses include the production of reflective surfaces on virtually any solid substrate, reflective striping for counting, velocity or indexing and other operations where retro-reflectivity is used for sensing units. Conforms to California Air Resources Board (CARB 2005) regulations for VOC Content and Maximum Incremental Reactivity. (MIR) [Ozone Generation]

### Characteristics

<b>Appearance:</b>	Light grey semi-paste and dry film with matte finish
<b>Viscosity @ 25C:</b>	Brookfield #3 spindle: 0.5 RPM = 20,000 to 30,000 cps.
<b>Wt/USG:</b>	13.9 +or- 1.0 lbs.
<b>Specific Gravity:</b>	1.67 +or- 0.1
<b>Weight Solids:</b>	59.0 +or- 1.0 %
<b>Volume Solids:</b>	32.3 +or- 1.0%
<b>Flash Point:</b>	None
<b>Dry Times:</b>	Touch: 10 mins. / Handle: 20 mins. / Hard: 1 hour
<b>Retro-reflectivity Rating:</b>	5 – 55 Candella / Lux / m <sup>2</sup> (based on color)
<b>Theoretical Coverage:</b>	324 ft <sup>2</sup> / USG (7.9 m <sup>2</sup> / litre) @ 1.6 mil DFT
<b>VOC Content:</b>	Less than 1% by weight

### Application & Precautions

- RSA 6000 must be reduced by 40 – 50% by volume with water for conventional spray application. It must also be applied at a wet film thickness of approximately 30% greater than that of RSA 5000.
- May be applied by aerosol, conventional spray or HVLP spray equipment. For conventional spray, use an agitator-type pressure pot or cup. An external mix spray nozzle, with abrasion-resistant (tungsten carbide) fluid nozzle and fluid needles should be used. For specific application recommendations, contact your ReflectoSphere Representative
- Airless spray application should be used at the recommendation of the spray equipment manufacturer only.
- Always check for application suitability on each substrate lot and type.
- For increased chemical and solvent resistance, contact your ReflectoSphere Representative for catalyst recommendations.
- Air dry or force dry this product. Do not exceed 90°C. (194°F)
- Mix well before each use. Verify that product is fully incorporated. Agitate product frequently during use.
- Product is package stable for at least six months from date of manufacture.
- DO NOT FREEZE

**The information provided herein is believed to be accurate and reliable.  
Specifications are subject to revision without notice.**

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