



Reflective Products That Save Lives

# ReflectoSphere RSA 2100

## Retro-Reflective Grey Acrylic Lacquer Aerosol

Industrial Grade – Standard Spray Can

### Description

RSA 2000 is a fast-drying, industrial grade lacquer, grey in color, packaged in 16 ounce aerosol containers and 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 2100 may be applied over virtually any clean, contaminant-free solid surface. Refer to RSA 41000 Series for a retro-reflective aerosol analog of this product available in a variety of colors.

RSA 2100 is formulated with an increased level of total volume solids and 100% metallized microsphere content to ensure the brightest night time reflectivity properties in our coatings product group. When applied as directed, the dry film provides instant reflectivity when increased visibility is required at night and under conditions of low visibility, and will reflect light back to the source as brilliant white. This reflectivity is uniform, regardless of the angle of combined light source and viewing.

RSA 2100 is ideal for safety applications in the reflectorizing of helmets, bicycles, snowmobiles, sports equipment, signs, signposts, roadway hazards, truck, car and van accessories, house numbers and many other surfaces. Industrial safety uses include the production of reflective surfaces on virtually any solid substrate for increased night time visibility, 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 thixotropic liquid, spray mist and dry film with matte finish
<b>Viscosity @ 25C:</b>	Brookfield #2 Spindle / 0.5 RPM = 12,000 cps. / 20 RPM = 800 cps.
<b>Wt/USG:</b>	10.4 +or- 0.1 lbs.
<b>Specific Gravity:</b>	1.25 +or- 0.10
<b>Weight Solids:</b>	44.5 +or- 1.0%
<b>Volume Solids:</b>	21.0 +or- 1.0%
<b>Flash Point:</b>	Less than -7°C (< 20°F)
<b>Dry Times:</b>	Touch: 5 mins. / Handle: 15 mins. / Hard: 1 hour
<b>Retro-reflectivity Rating:</b>	60 – 65 Candella / Lux / m <sup>2</sup>
<b>Theoretical Coverage:</b>	211 ft <sup>2</sup> / USG (5.2 m <sup>2</sup> / litre) @ 1.6 mil DFT
<b>VOC Content:</b>	C.A.R.B. Reportable: 27.75% / Total: 55.5%
<b>MIR (Ozone Generation Potential)</b>	1.93

### Application & Precautions

- Shake the container well before each use and after every 5 minutes of use. Apply several thin, even coats to the substrate, using crosscoat technique where possible. Hold can about 8 to 10 inches from the surface. Allow first coats to flash off for about 1 minute. Subsequent coats may then be applied in the same manner.
- Do not “flood” coat - thicker coats will not increase and may detract from level of reflectivity.
- Always check for application suitability on each substrate lot and type.
- Air dry or force dry this product. Do not exceed 90°C. (194°F)
- Highly flammable. Keep away from heat and flame sources. Store containers at room temperature
- Use only in well-ventilated areas and do not breath vapor.
- This product is intended for industrial or commercial use only.

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

ReflectoSphere Division, 2010216 Ontario Limited,  
Unit 2 - 135 St. David St., South, Fergus, ON N1M 2L4  
TEL: (519) 843-2138 FAX: (519) 843-2712  
e-mail: [sales@reflectosphere.com](mailto:sales@reflectosphere.com) or [techservice@reflectosphere.com](mailto:techservice@reflectosphere.com)  
Website: [www.reflectosphere.com](http://www.reflectosphere.com)