



Reflective Products That Save Lives

# ReflectoSphere RSA 4104

## Retro-Reflective Fluorescent Blaze Orange Aerosol

### Standard Spray Can

#### Description

RSA 4104 is a fast-drying, fluorescent orange acrylic lacquer, packaged in 16 ounce standard upright aerosol cans and which produces a retro-reflective matte finish. It is designed primarily for use as a temporary safety and marking finish and can be applied over bare or previously painted metals, pavement, concrete, wood, cardboard and many plastics. It is ideal for specialty jobs such as the marking of trees for timber clear cutting operations, where the combined day and night time visibility features of RSA 4104 allows crews to extend their hours of operation. When RSA 4104 is applied as directed, the dry film is highly visible as fluorescent orange during the day. At night time and under conditions of low visibility, it reflects point source light back to the source as brilliant white. This reflectivity is uniform, regardless of the angle of combined light source and viewing.

RSA 4104 is also ideal for enhancing daytime visibility as well as providing excellent night time reflectivity for helmets, bicycles, snowmobiles, sports equipment, signs, signposts, construction equipment, roadway hazards, curbs, pavement, utility maintenance covers, water drains, (see also product RSA 4204 Fluorescent Orange – Inverted Spray Can) 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>	Colored thixotropic liquids, 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>	11.5 +or- 0.1 lbs.
<b>Specific Gravity:</b>	1.38 +or- 0.1
<b>Weight Solids:</b>	45.0 +or- 1.0%.
<b>Volume Solids:</b>	21.8 +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>	15 - 20 Candella / Lux / m <sup>2</sup>
<b>Theoretical Coverage:</b>	219 ft <sup>2</sup> / USG (5.4 m <sup>2</sup> / litre) @ 1.6 mil DFT
<b>VOC Content:</b>	C.A.R.B. Reportable: 27.75% / Total: 55.0%
<b>MIR (Ozone Generation Potential)</b>	1.93

#### Application & Precautions

- Shake the container well before each use and after every 5 minutes of use. Hold can about 8 to 10 inches from the surface. Apply several thin, even coats to the substrate, using crosscoat technique where desired. Allow first coats to flash off for about 1 minute. Subsequent coats may then be applied in the same manner if required.
- 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.**

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