



# QUALITEK®

## Super Mask #1 Water Soluble Temporary Solder Mask

### DESCRIPTION

Super Mask #1 is a water soluble, temporary mask designed for preventing solder from flowing onto contacts, terminals, and plated through holes, etc.. Super Mask #1 will protect the board during all assembly operations that require masking during soldering applications. Super Mask #1 can be washed off with hot or cold water; without leaving a residue.

### BENEFITS

- Easily Cleaned, highly soluble for use with in-line cleaner
- High SIR value
- Non-flammable
- Non-Corrosive; Neutral pH
- Pleasant Odor
- Will not tarnish or react with gold, copper or other alloys.

### APPLICATION

Apply Super Mask by brush coating or through squeeze bottle. If material begins to thicken, use DI water to reduce viscosity. Surface should be clean and dry before applying mask.

Drying time is a function of coating thickness and temperature. We recommend a coat of 10 mils which will

cure in approximately 30 minutes at room temperature, or 15 minutes at 150°F. A maximum thickness of 30 mil will ensure complete cure.

### PHYSICAL & CHEMICAL CHARACTERISTICS

<b>Color and Appearance</b>	Brown Orange
<b>pH 5% soln</b>	6.5-7.5
<b>Solids</b>	51%
<b>Specific Gravity @24°C</b>	1.15
<b>Viscosity</b>	
Brookfield <sup>1</sup>	8,500 – 9,000cps
<b>Flash Point</b>	None
<b>Shelf life (un-opened)</b>	1 year from(DOM)
<b>Storage Temperature</b>	22-23°C
<b>1. Brookfield RVF, spindle, #5, 25°C, 20 RPM</b>	

### PACKAGING & STORAGE

SuperMask #1 is available in 12 ounce squeeze bottles, and 1-gallon containers. Recommended storage temperature is 65° – 75°F. Keep containers tightly sealed and out of direct sunlight.

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Consult MSDS for health and safety information