

# Wondermask WSOL Washable Solder Mask

## Product# 2204

### Product Description

Ideal water washable mask for closed loop systems. Quickly and easily removed with inline and batch cleaning system.

Techspray's WonderMASK is the industry-leading temporary solder mask brand because of quality and versatility. Depending on the product, mask can be peeled off manually or washed off in a batch or inline system.

WonderMASK WSOL has a number of useful applications in PCB assembly:

- Thru-hole masking – Prevent soldering open holes in a wave soldering process by covering with WonderMASK. All of the masks listed below are well suited for this application.
- Temporary component adhesive – WonderMASK can be used to tack down components on double-sided PCBs.

All Techspray WonderMASK products have the following advantages:

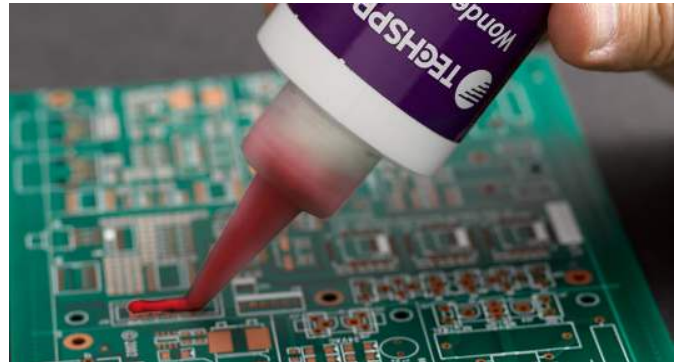
- Can be cured in pre-heat
- Withstands lead-free soldering temperatures up to 640°F (343°C) in wave soldering process
- RoHS compliant

### Features / Benefits

- 100% water-soluble
- Safe on ion beds & filters in closed-loop cleaning systems
- Non-corrosive
- Low odor

### Usage Instructions

Apply a 5 to 30 mil coating to desired area. The substrate should be free from grease, oil, and particulate matter. Drying times depend upon ambient humidity. Under normal conditions **WonderMASK® Wsol** will cure in 30 minutes at 65°C/149°F. Do not over cure, as blistering of mask can occur.



### Typical Product Data and Physical Properties

<b>Physical state:</b>	Liquid
<b>Flash point:</b>	Closed cup: 55.4°F (13°C)
<b>Flammable limits:</b>	Lower: 7.3% Upper: 36%
<b>Color:</b>	Pink red
<b>Odor:</b>	Alcohol-like
<b>Shelf life:</b>	2 years

### Performance & Application Data

Application	Hand, Pneumatic
Viscosity	11,500-15,500 cps
Suggested thickness	5-30 mils
Thinner	Methanol
Cure time	30 min. @65°C
Removal	Soluble in Water 49 °C or higher

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### Packaging and Availability

2204-8SQ	8 Ounce Liquid
2204-G	1 Gallon Liquid

### Environmental Policy

Techspray® is committed to developing products to ensure a safer and cleaner environment. We will continue to meet and sustain the regulations of all federal, state and local government agencies.

### Resources

Techspray® products are supported by global sales, technical and customer services resources.

For additional technical information on this product or other Techspray® products in the United States, call the technical sales department at 800-858-4043, email [tsales@techspray.com](mailto:tsales@techspray.com) or visit our web site at: [www.techspray.com](http://www.techspray.com).

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