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

| Physical state: | Liquid |
| Flash point:     | Closed cup: 55.4°F (13°C) |
| Flammable limits:| Lower: 7.3% Upper: 36% |
| Color:           | Pink red |
| Odor:            | Alcohol-like |
| Shelf life:      | 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 ºC 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 or visit our web site at: www.techspray.com.

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