

WonderMASK WA Washable Solder Mask

Product# 2206

Product Description

Quick drying water-washable mask. Quickly and easily removed with in-line and batch cleaning systems. Note: do not use in closed-loop wash systems.

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 WA has a number of useful applications in PCB assembly:

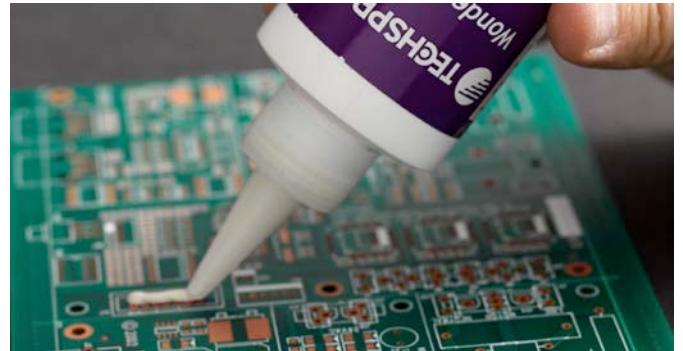
- Thru-hole masking – Prevent soldering open holes in a wave soldering process by covering with WonderMASK. All of the masks listed below are well suited for this application.
- Temporary component adhesive – WonderMASK can be used to tack down components on double-sided PCBs.

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

- **Water washable**
- **Viscosity optimized for robotic & pneumatic applications**
- **Non-corrosive**
- **Low odor**
- **Nonflammable**



Typical Product Data and Physical Properties

Physical state:	Liquid
Color:	White
Odor:	Alcohol-like
Shelf life:	1 year

Chemical Composition

Chemical Name	CAS#
1,2,3- Propanetriol	56-81-5
2-Propanol	67-63-0
Potassium Hydroxide	1310-58-3
Sodium salt of polymeric carboxylic acid	13463-67-7
Titanium dioxide	8031-18-3
DIATOMACEOUS EARTH/ATTPULGITE CLAY	64742-52-5
Petroleum hydrocarbon	

Performance & Application Data

Application	Pneumatic, robotic
Viscosity	6,050-6450 cps
Suggested thickness	10-15 mils
Thinner:	DI water
Cure time	1-2 hrs. Ambient, 30 min.@80 °C
Removal	Soluble in Water 49 °C or higher

WonderMASK WA Washable Solder Mask

Product# 2206

Packaging and Availability

2206-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 a 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.

Important Notice to Purchaser/User: The information in this publication is based on tests that we believe are reliable. The results may vary due to differences in tests type and conditions. We recommend that each user evaluate the product to determine its suitability for the intended application. Conditions of use are outside our control and vary widely. Techspray's only obligation and your only solution is replacement of product that is shown to be defective when you receive it. In no case will Techspray® be liable for any special, incidental, or consequential damages based on breach of warranty, negligence or any other theory.