



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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WonderMASK W Washable Solder Mask

Product# 2205

Product Description

Quick drying water washable mask. Quickly and easily removed with inline and batch cleaning systems.

NOTE: Do not use in close-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 W 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
- Non-corrosive
- Low odor
- Nonflammable

Usage Instructions

Apply a 10 to 15 mil coating for best results to desired area. The substrate should be free from grease, oil, and particulate matter. Drying times depend upon ambient humidity. Under normal conditions WonderMASK® W will cure in 1 hour at 25°C/77°F; however, cure can be accelerated to 30 minutes at 80°C/176°F. Do not over cure, as blistering of mask can occur, causing removal problems. Mask may be thinned using deionized water.



Typical Product Data and Physical Properties

Physical state:	Liquid
Color:	Blue
Odor:	Alcohol-like
Shelf life:	5 years unopened – 2 years open

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	Hand applied
Viscosity	9,00-10,000 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

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Packaging and Availability

2205-8SQ	8 Ounce Liquid
2205-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.

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