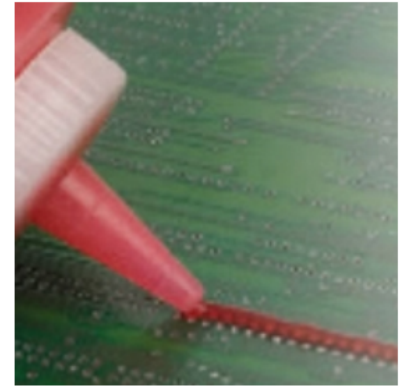




Wondermask W Washable Solder Mask

2205

Prevent soldering protected areas in a wave soldering process by applying temporary cover. Designed to apply smoothly, dry quickly, withstand high lead-free process temperatures, and then be removed easily. Also used for conformal coating. View a list of available options below.



Non-flammable. Water-washable.

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

- Water washable
- Non-flammable
- Non-ozone depleting
- Non-corrosive
- Low odor

Specifications:

- MIL-STD-2000 paragraph 5.3.18 parts a, b, and d.

Product Packaging

2205-8SQ
Wondermask W
 8 oz
 24 units/case



2205-G
Wondermask W
 1 gal
 1 units/case





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; however, cure can be accelerated to 30 minutes at 80°C. Do not over cure, as blistering of mask can occur, causing removal problems. Mask may be thinned using deionized water.

For best removal, the following are the recommended setting for batch and inline cleaning systems:

Temperature: 120°F - 140°F (49°C - 60°C)

Pressure: 60 psig minimum

Technical Information

Chemical & Physical Properties

Appearance	Light blue viscous gel
Odor	Alcohol odor
VOC (EPA)	53 g/l

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/ATTAPULGITE CLAY	64742-52-5
Petroleum hydrocarbon	

Performance & Application Data

Application	Hand applied
Viscosity	9,000-10,000 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



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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