



Wondermask® W, WA, WS

Water Soluble Mask
2205, 2206, 2207

Introduction

A temporary, water soluble solder masking agent formulated with non-corrosive materials. Wondermask® W is compatible with all organic and synthetic fluxes, and is quickly removed in batch cleaning and in-line water systems. This masking agent is available in three viscosities: Wondermask® W (formulated for hand applications), Wondermask® WA (for robotic and pneumatic dispensing equipment) and Wondermask® WS (thicker formulation for silk screening and template screening operations).

Features / Benefits

- Water Soluble
- Quick Drying
- Lead-Free Compatible
- Rinses Quickly

Chemical Components

Wondermask® W 2205:

Isopropanol.....	(67-63-0)	5-10%
Glycerin.....	(56-81-5)	<10%
Mineral Oil.....	(64742-46-7)	<1%
Acrylic Polymer Emulsion		8-17%
Attapulgate Clay.....	(8031-18-3)	<10%
Potassium Hydroxide.....	(1310-58-3)	1-2%
Sodium Salt of Polymeric Carboxylic Acid		10-20%
Titanium Dioxide.....	(13463-67-7)	<3%
Deionized Water.....	(7732-18-5)	10-50%

Wondermask® WA 2206:

Isopropanol.....	(67-63-0)	5-10%
Glycerin.....	(56-81-5)	<10%
Deionized Water.....	(7732-18-5)	
Dispersing Agent		30-50%
Acrylic Polymer Emulsion		8-20%
Attapulgate Clay.....	(8031-18-3)	<10%
Mineral Oil.....	(64742-546-7)	<<1%
Potassium Hydroxide.....	(1310-58-3)	1-2%
Titanium Dioxide.....	(13646-36-7)	<1%
Sodium Salt of Polymeric Carboxylic Acid		10-20%

Wondermask® WS 2207:

Isopropanol.....	(67-63-0)	5-10%
Glycerin.....	(56-81-5)	<10%
Deionized Water.....	(7732-18-5)	
Dispersing Agent		25-60%
Acrylic Polymer Emulsion		30-40%
Attapulgate Clay.....	(8031-18-3)	<10%
Mineral Oil.....	(64742-46-7)	
Potassium Hydroxide.....	(1310-58-3)	
Titanium Dioxide.....	(13463-67-7)	
Sodium Salt of Polymeric Carboxylic Acid		

Wondermask® W 2205

Application	Cure Type	Cure Time	Removal	Viscosity	Suggested Thickness	Thinner
Hand Applied	Thermal	1-2 hrs. Ambient 30 min. @80°C	Soluble in Water 49°C or Higher	9,000-10,000 cps	10-15 mils	D. I. Water

Wondermask® WA 2206

Application	Cure Type	Cure Time	Removal	Viscosity	Suggested Thickness	Thinner
Pneumatic/ Robotic	Thermal	1-2 hrs. Ambient 30 min. @80°C	Soluble in Water 49°C or Higher	6,050-6,450 cps	10-15 mils	D. I. Water

Wondermask® WS 2207

Application	Cure Type	Cure Time	Removal	Viscosity	Suggested Thickness	Thinner
Silk/Template Screening	Thermal	1-2 hrs. Ambient 30 min. @80°C	Soluble in Water 49°C or Higher	18,000-20,000 cps	10-15 mils 80-120 mesh	D. I. Water

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.

Packaging and Availability

Wondermask® W, WA, WS may be ordered in the following container sizes:

Wondermask® W	Hand Applications
2205-8SQ	8 Ounce Squeeze Bottle
2205-G	1 Gallon in Plastic
Wondermask® WA	Robotic & Pneumatic Applications
2206-G	1 Gallon in Plastic
Wondermask® WS	Silk and Template Screening Applications
2207-G	1 Gallon in Plastic
2207-5G	5 Gallons in Plastic

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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email: tseurope@techspray.com

Countries Outside US
Call to locate a distributor
in your country.

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.



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