



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
2205-2SQ	2 Ounce Squeeze Bottle
2205-8SQ	8 Ounce Squeeze Bottle
2205-G	1 Gallon in Plastic
2205-5G	5 Gallons in Plastic
Wondermask® WA	Robotic & Pneumatic Applications
2206-G	1 Gallon in Plastic
Wondermask® WS	Silk and Template Screening Applications
2207-P	1 Pint in Glass
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.

North America

Tech Spray L.P.
P.O. Box 949
Amarillo, TX 79105
800-858-4043
email: tsales@techspray.com

Europe

Techspray International
UNIT 4, 44/46 Bunyan Road, Kempston
Bedford MK42 8HL United Kingdom
+44 (0) 1234 855443
email: tseurope@techspray.com

Countries Outside US

Call to locate a distributor
in your country.

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Tech Spray, L.P.
P.O. Box 949
Amarillo, TX 79105
www.techspray.com

