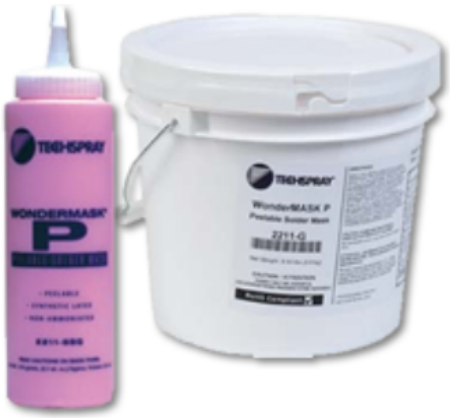
Wondermask P Peelable Solder Mask

2211

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-ammoniated, low odor peelable option.

Techspray's original synthetic latex peelable solder mask

- **Non-ammoniated**
- **Non-flammable**
- **Non-ozone depleting**
- **Easily peelable**
- **Low odor**
- **Cure indicator : darkens as it cures**
- **Compatible with gold and copper leads**
- **Non-corrosive**
- **Non-flammable**

Specifications:

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

Product Packaging

2211-8SQ
Wondermask P
8 oz
24 units/case

2211-G
Wondermask P
1 gal
1 units/case

2211-5G
Wondermask P
5 gal
1 units/case

2211-54G
Wondermask P
54 gal
1 units/case

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Instructions

Apply a 20 to 30 mil coating for best results to desired area. The substrate should be free from grease, oil, and particulates. Drying times depend on ambient humidity. Under normal conditions, WonderMASK P is ready for preheating stage in 1 hour, however, cure can be accelerated to 30 minutes at 65°C/150°F or 20 minutes at 82°C/180° F. Do not over cure, as blistering of mask can occur, causing removal problems. Mask will change from an opaque pink to a translucent red when complete cure is accomplished. Mask does not have to be completely cured to withstand soldering operation; however, it should be completely translucent before removal.

Technical Information

Chemical & Physical Properties

Appearance	Pink viscous gel
Odor	Low odor
Flash Point	none
VOC (EPA)	28 g/l

Chemical Composition

CHEMICAL NAME	CAS #
Acrylic Latex Polymer	27401-61-2
LECIITHIN	8029-76-3
Alkoxylated alkylphenol	9064-13-5
Tetrakis-[methylene(3,5-di-tert-butyl-4-hydroxyhydrocinnamate)]-methane	6683-19-8
2-Propenoic acid, telomer with 2-methyl-2-[(1-oxo-2-propenyl)amino]-1-propanesulfonic acid monosodium salt and sodium hydro	97953-25-8

Performance & Application Data

Application	Template, hand, pneumatic, robotic
Viscosity	28,000-30,000 cps
Suggested thickness	20-30 mils
Thinner	DI water
Cure time	1 hr. Ambient, 30 min. @65º C, 20 min. @82º C
Removal	Peelable

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