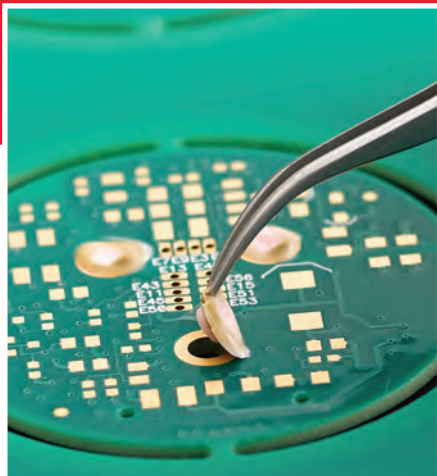




Chemask® Temporary Solder Masks protect PC boards, plated thru-holes, contacts, pins, posts, terminals and gold fingers during reflow and wave soldering. They provide short-term high-temperature protection from molten solder to a minimum of 515°F/268°C. All products are nonflammable, non-contaminating and will not leave ionic or corrosive residue. Use as a protective mask during conformal coating process.



Chemask® — Peelable

Fast curing, peelable temporary solder masking agent

- Dries tack-free in 15 minutes
- Easy to use — just peel off dried Chemask® masking agent
- Latex material is compatible with all flux systems and stable with cleaning solvents

CM8 8 fl oz / 236 ml liquid squeeze bottle
CM1 1 gal / 3.7 L liquid

Chemask® NA — Non-Ammoniated

High temperature, peelable, temporary mask safe for use on sensitive metals

- Will not affect gold, copper, nickel, silver and OSP finishes
- For lead-free or tin/lead processes
- Stable to 550°F (288°C)
- Phthalate-free, low toxicity and environmentally safe
- Compatible with rosin, no-clean and water soluble flux types
- Dries tack free in 15 minutes
- Can be placed directly into pre-heat oven without waiting
- Removes easily and leaves no residue
- Non-contaminating, non-staining and noncorrosive

CNA8 8 fl oz / 236 ml liquid squeeze bottle
CNA1 1 gal / 3.7 L liquid

Chemask® LF — Lead-Free

High temperature, peelable temporary mask ideal for lead-free applications

- Formulated for use with lead-free applications
- Can also be used with tin/lead solders
- Usable within five minutes of application with preheat cycles
- Provides short-term high temperature protection up to 550°F (288°C)

CLF8 8 fl oz / 236 ml liquid squeeze bottle
CLF1 1 gal / 3.7 L liquid



Temporary Solder Mask

Product Selection Guide

	Product Characteristics				Application Methods							Removal Methods
	Safe for Sensitive Metal Surfaces	Tack Free Time @ Room Temperature	Full Cure Time @ Room Temperature	Preheat Activated	Flux Resistance	Solvent Resistance	Automated Dispenser	Stencils	Screens	Peelable	Water Washable	
Chemask® Peelable	NR	15 min.	30 min.	NA	All types	All types	Yes	No	No	Yes	No	
Chemask® NA Non-Ammoniated	Yes	15 min.	30 min.	Yes; can be placed directly into preheat	All types	All types	Yes	Yes	Yes	Yes	No	
Chemask® LF Lead-Free	NR	15 min.	30 min.	Yes; 4 min. full cure	All types	All types	No	No	No	Yes	No	
Chemask® HV High Viscosity	Yes	15 min.	30 min.	Yes; 4 min. full cure	All types	All types	No	No	No	Yes	No	
Chemask® Aqua Water Soluble	No	30 min.	60 min.	NA	All types	Remove with water and water-based cleaners	Yes	Yes	Yes	No	Yes	
Chemask® WF Water Filterable	No	30 min.	60 min.	NA	Not compatible with water-based flux	Remove with water and water-based cleaners	Yes	Yes	Yes	No	Yes	
Chemask® W Water Soluble	No	30 min.	60 min.	NA	All types	Remove with alcohol, wkeytone, water and water-based cleaners	Yes	Yes	Yes	No	Yes*	

NA – Not Available NR – Not Recommended *Open Loop System Only

Chemask® HV — High Viscosity

High viscosity, peelable temporary solder masking agent

- Usable within five minutes of application with preheat cycle
- More controlled application
- Thicker coating does not seep through thru-holes
- Latex material is compatible with all flux systems and stable with cleaning solvents



CHV8 8 fl oz / 236 ml liquid squeeze bottle

Chemask® Aqua

High temperature, water soluble, temporary mask safe for use on component-free areas

- Protects boards from molten solder to 515°F (268°C)
- Prolongs deionized water system life
- Low foaming
- Compatible with most flux types
- Leaves no corrosive residue
- Does not contain Methanol
- Non-contaminating



CMAQ8 8 fl oz / 236 ml liquid squeeze bottle

CMAQ1 1 gal / 3.7 L liquid

Chemask® W — Water Soluble

Water soluble temporary solder masking agent

- Dissolves in water cleaning cycles
- Noncorrosive; safe for sensitive gold, silver and copper
- Can be used as a water soluble tacking compound

CW8 8 fl oz / 236 ml liquid squeeze bottle



Chemask® WF — Water Filterable

Low-foaming, water filterable temporary solder masking agent

- Easily removed in water cleaning cycles
- Does not coat filtration equipment
- Noncorrosive; safe for sensitive contacts
- Removed with inexpensive filters, increasing the life span of activated carbon/resin beds
- US Patent Number 6,207,265

Applications:

- Ideal for use with closed loop cleaning systems
- Increases productivity by reducing cleaning system maintenance
- Short-term high-temperature protection from molten solder to 515°F (268°C)

CWF8 8 fl oz / 236 ml liquid squeeze bottle

CWF1 1 gal / 3.7 L liquid



CWF8



CWF1

