

# CHEMTRONICS<sup>®</sup>

## Technical Data Sheet

TDS # CM8E

### Chemask<sup>®</sup>

#### PRODUCT DESCRIPTION

Chemask<sup>®</sup> is a fast curing peelable solder masking agent. It contains a high temperature resistant compound that protects component-free areas during wave soldering. Chemask<sup>®</sup> may be used to protect pins, posts, contacts and edge connections during conformal coating processes.


- Stable to 515°F (268°C)
- Compatible with rosin, water soluble fluxes and cleaning solvents
- Leaves no residue
- Dries tack free in 30 minutes
- Non-contaminating

#### TYPICAL APPLICATIONS

Chemask<sup>®</sup> protects:

- Component Free Areas for Soldering
- Components
- Pin Connectors During Soldering
- Temperature Sensitive Components During Wave Soldering
- Sockets
- Board Areas From Conformal Coating

#### TYPICAL PRODUCT DATA AND PHYSICAL PROPERTIES

<b>Base Material</b>	Natural latex rubber
<b>Color</b>	Pink
<b>Solvent Stability</b>	Stable in all Hydrocarbons, Hydrofluorocarbons, water and chlorinated solvents
<b>Flux Compatibility</b>	All Types
<b>Temperature Stability</b>	515°F
<b>Tack-Free Drying Time (10 mils @ 77°F)</b>	15 min.
<b>Cure Time (10 mils @ 77°F)</b>	30 min.
<b>Viscosity (@ 77°F) (± 300 cps)</b>	18,000 cps
<b>Viscosity Adjusted With</b>	DI Water
<b>Solids Content</b>	~ 60%
<b>Flash Point</b>	Nonflammable
<b>Weight/Gallon</b>	7.2 lbs.
<b>Shelflife</b>	2 year
<b>RoHS/WEEE Status</b>	

#### COMPATIBILITY

Chemask<sup>®</sup> is generally compatible with most materials used in printed circuit board fabrication. As with any solder masking agent, compatibility with substrate must be determined on a non-critical area prior to use.

