

CHEMTRONICS

Technical Data Sheet

TDS # CM8

Chemask[®]

PRODUCT DESCRIPTION

Chemask[®] is a fast curing peelable solder masking agent. It contains a high temperature resistant compound that protects component-free areas during wave soldering. Chemask[®] 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[®] 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

| | |
|---|--|
| Base Material | Natural latex rubber |
| Color | Pink |
| Solvent Stability | Stable in all Hydrocarbons, Hydrofluorocarbons, water and chlorinated solvents |
| Flux Compatibility | All Types |
| Temperature Stability | 515°F |
| Tack-Free Drying Time (10 mils @ 77°F) | 15 min. |
| Cure Time (10 mils @ 77°F) | 30 min. |
| Viscosity (@ 77°F) (± 300 cps) | 20,000-28,000 cps |
| Viscosity Adjusted With | DI Water |
| Solids Content | ~ 60% |
| Flash Point | Nonflammable |
| Weight/Gallon | 7.2 lbs. |
| Shelflife | 2 year |

COMPATIBILITY

Chemask[®] 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.

APPLICATION METHOD

| | |
|------------------------|---------|
| Squeeze Bottle/Syringe | Yes |
| Spatula | Yes |
| Screening | No |
| Automatic Dispensing | Yes |
| Removal/Clean-up | By Hand |

USAGE INSTRUCTIONS

For industrial use only.

Read MSDS carefully prior to use.

Chemask[®] solder masking agent is engineered for all electronic manufacturing applications. When applying by hand using squeeze bottle or spatula, insure that all areas of the pretinned hole are evenly covered on the side to be soldered. Automatic dispensing equipment may also be used as appropriate.

REMOVAL: After allowing the mask to become fully cured, peelable solder mask can be removed by hand or by the use of tweezers. Depending on ambient conditions, peelable mask may remain on assemblies for extended periods of time prior to component insertion.

AVAILABILITY

CM8 8 oz. Squeeze Bottle
CM8E 236 ml. EU Label Squeeze Bottle
CM1 1 Gal. Liquid

TECHNICAL & APPLICATION ASSISTANCE

Chemtronics provides a technical hotline to answer your technical and application related questions. The toll free number is: **1-800-TECH-401.**

ENVIRONMENTAL IMPACT DATA

| ENVIRONMENTAL IMPACT DATA | | | |
|---------------------------|------|-----|------|
| CFC | 0.0% | VOC | 3.1% |
| HCFC | 0.0% | HFC | 0.0% |
| Cl. Solv. | 0.0% | ODP | 0.00 |

CFC, HCFC, CL. SOLV., VOC, and HFC numbers shown are the content by weight. Ozone depletion potential (ODP) is determined in accordance with the Montreal Protocol and U.S. Clean Air Act of 1990. The ODP of this product is 0.0. It is the sum of the ODP of the substances that may contribute to the depletion of stratospheric ozone, based upon the weight of each substance in the product's formulation.

NOTE:

This information is believed to be accurate. It is intended for professional end users having the skills to evaluate and use the data properly. CHEMTRONICS does not guarantee the accuracy of the data and assumes no liability in connection with damages incurred while using it.

CHEMTRONICS
8125 COBB CENTER DRIVE
KENNESAW, GA 30152

1-770-424-4888 REV. G (10/15)

Chemtronics[®] and Chemask[®] are registered trademarks of Chemtronics. All rights reserved.

DISTRIBUTED BY:



Компания «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
- Поставка специализированных компонентов (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Aeroflex, Peregrine, Syfer, Eurofarad, Texas Instrument, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

Помимо этого, одним из направлений компании «ЭлектроПласт» является направление «Источники питания». Мы предлагаем Вам помощь Конструкторского отдела:

- Подбор оптимального решения, техническое обоснование при выборе компонента;
- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



Как с нами связаться

Телефон: 8 (812) 309 58 32 (многоканальный)

Факс: 8 (812) 320-02-42

Электронная почта: org@eplast1.ru

Адрес: 198099, г. Санкт-Петербург, ул. Калинина, дом 2, корпус 4, литера А.