

Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from, Europe, America and south Asia, supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts, Customers Priority, Honest Operation, and Considerate Service", our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip, ALPS, ROHM, Xilinx, Pulse, ON, Everlight and Freescale. Main products comprise IC, Modules, Potentiometer, IC Socket, Relay, Connector. Our parts cover such applications as commercial, industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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CHEMTRONICS Technical Data Sheet

TDS # CW2605

CircuitWorks® Rubber Keypad Repair Kit

PRODUCT DESCRIPTION

CircuitWorks[®] Rubber Keypad Repair Kit permanently repairs rubber keypads by restoring conductivity to worn, intermittent, and nonconductive carbon contacts. This product easily returns rubber keypads to like-new condition. This system is flexible and very durable. The CircuitWorks[®] Rubber Keypad Repair Kit provides a silver/carbon coating that is effective and long lasting.

- Repairs nonconductive keypads
- Excellent electrical conductivity
- Wear-resistant coating
- Excellent adhesion
- System has 72 hour pot life at room temperature and relative humidity <65%
- Testing shows repairs can withstand over 500,000 simulated keystrokes

TYPICAL APPLICATIONS

CircuitWorks® Rubber Keypad Repair Kit is excellent for rework and repair applications including:

- Telephones
- Controllers
- Carbon Contact Keyboards
- Communication Equipment
- Miscellaneous Keypads

TYPICAL PRODUCT DATA AND PHYSICAL PROPERTIES

| Composition | | | | | | | |
|-------------------|---------------|----------------------|--|--|--|--|--|
| Material | Part A | Silver/Carbon/Rubber | | | | | |
| | Part B | Hardener | | | | | |
| Color | Part A | Dark Gray/Silver | | | | | |
| | Part B | Amber Clear | | | | | |
| Specific Gravity | Part A | 2.5 - 2.7 | | | | | |
| | Part B | 1.0 | | | | | |
| Cured Compound | | | | | | | |
| Tack-Free Time | 75°F) 1 Hour | | | | | | |
| Return to Service | 24 Hours | | | | | | |
| Complete Cure @ | 5°F) 72 Hours | | | | | | |
| Electrical Conduc | Excellent | | | | | | |
| Durability | Excellent | | | | | | |
| Flexibility | Excellent | | | | | | |
| Shelflife | 18 months | | | | | | |
| RoHS Compliant | | | | | | | |

COMPATIBILITY

CircuitWorks® Rubber Keypad Repair Kit has excellent compatibility with most materials. As with any adhesive/sealant, compatibility with substrate should be determined on a non-critical area prior to use.

USAGE INSTRUCTIONS

Read MSDS carefully prior to use.

Mixing: Pour the liquid in Part B into the container of Part A. Stir thoroughly for two minutes.

Application: Clean contacts with contact cleaner. Paint the worn carbon contacts with the mixed conductive material using the enclosed applicator brushes. Use the least amount of conductive material as possible.

Curing: At room temperature (<25°C), material dries tack-free in one hour. Repaired keypads can be returned to service in 24 hours. Ultimate properties are achieved in 72 hours. For faster drying, expose the material to approximately 190°F (90°C) for 10 minutes. DO NOT EXCEED 212°F (100°C).

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.**

AVAILABILITY

CW2605 1 set containing: 3g / 0.36 oz. Adhesive 0.33g / 0.01 oz. Curing Agent

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 (08/13)

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