

# CHEMTRONICS®

## Technical Data Sheet

**TDS # CW2610**

### 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 @ 25°C (75°F)	1 Hour
Return to Service Time	24 Hours
Complete Cure @ 25°C(75°F)	72 Hours
Electrical Conductivity	Excellent
Durability	Excellent
Flexibility	Excellent

<b>Shelflife</b>	18 months
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#### 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:** Paint the worn carbon contacts with the mixed conductive material using the enclosed applicator brushes.

**Curing:** At room temperature ( $<25^{\circ}\text{C}$ ), 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  $190^{\circ}\text{F}$  ( $90^{\circ}\text{C}$ ) for 10 minutes. DO NOT EXCEED  $212^{\circ}\text{F}$  ( $100^{\circ}\text{C}$ ).

## TECHNICAL & APPLICATION ASSISTANCE

Chemtronics<sup>®</sup> 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<sup>®</sup> does not guarantee the accuracy of the data and assumes no liability in connection with damages incurred while using it.

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