

# CHEMTRONICS®

## Technical Data Sheet

**TDS # CWik**

### Chem-Wik® Rosin

#### PRODUCT DESCRIPTION

Chem-Wik® Rosin is especially designed for today's heat sensitive electronic components. The lighter mass, pure copper braid construction allows for better thermal conductivity, even at low temperatures. Chem-Wik® Rosin responds as much as 50% faster than conventional desoldering braids. This design minimizes overheating and requires less "contact" pressure for greater operator control. All sizes are coated with a Type "R" organic flux system.


- Requires little or no post solder cleaning
- No corrosive residues
- Optimized weave design for faster wicking and heat transfer
- Halide free
- Minimal risk of heat damage to components and circuit boards

#### TYPICAL APPLICATIONS

Chem-Wik® Rosin desoldering braid safely removes solder from:

- Thru-hole Components
- Surface Mount Device Pads
- BGA Pads
- Micro Circuits
- Terminals
- Lugs and Posts
- Identification Script

#### TYPICAL PRODUCT DATA AND PHYSICAL PROPERTIES

Chem-Wik® Rosin	
<b>Flux Type:</b>	Grade WW, Type "R"
<b>Clean-up Required:</b>	No
<b>Military Specifications:</b>	MIL-F-14256F
<b>Shelf Life – 2 years from manufacturer date</b>	
<b>RoHS/WEEE Status</b>	

Part #	Size Inches	Size Metric
2-5L	.030"	.76mm
5-5L	.050"	1.27mm
7-5L	.075"	1.91mm
10-5L	.100"	2.54mm

#### STATIC DISSIPATIVE PACKAGING

Static Dissipative packaging is available on all 5 foot bobbins. The static dissipative bobbins qualify as electrostatic discharge protective per DOD Standard 1686 and DOD Handbook 263. Meets the static delay rate provision of MIL-B-81705C.

For industrial use only.

Read MSDS carefully prior to use.

- 1) Choose a Chem-Wik<sup>®</sup> desoldering braid width equal to or slightly larger than the pad or connection.
- 2) Choose a solder iron tip equal to or slightly smaller than the pad or connection.
- 3) Set temperature of iron between 600-750°F
- 4) Place wick on solder joint and place tip of hot iron on top of wick

- 5) As solder becomes molten, the color of the wick will change from copper to silver.
- 6) Remove wick and iron from solder joint simultaneously once color change has stopped.
- 7) The component lead is now clean and free from solder.
- 8) Clip and discard the used portion of the wick.

<b>Width</b>	<b>Color Code</b>	<b>5 ft. Bobbin</b>	<b>25 ft. Spool</b>	<b>50 ft. Spool</b>	<b>100 ft. Spool</b>	<b>500 ft. Spool</b>
.030"	White	2-5L	2-25L	2-50L	2-100L	2-500L
.050"	Yellow	5-5L	5-25L	5-50L	5-100L	5-500L
.075"	Green	7-5L	7-25L	7-50L	7-100L	7-500L
.100"	Blue	10-5L	10-25L	10-50L	10-100L	10-500L

MIL-F-14256F, Type R

MIL-STD-2000A

MIL-B-81705C

NASA NHB5300.4(3A)

NASA SP-5002

NASA NPC200-4

IPC SF-818

DOD Handbook 263

DOD Standard 1686

BELLCORE TR-NWT-00078

Chemtronics® provides a technical hotline to answer your technical and application related questions. The toll free number is:

**1-800-TECH-401.**

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.

## ITW CHEMTRONICS

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REV. D (06/06)

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