



# CAIG Rosin Soldering Flux

## For electrical and electronic soldering applications

### 1. Part No.:

RSF-R80

### 2. Container Size:

RSF-R80-8G	syringe	8 g
RSF-R80-2	jar	56 g
RSF-R80-8	jar	226 g
RSF-R80-40	pail	18.1 Kg



### 3. Product Description:

RSF Rosin Flux is a mildly-activated rosin flux that is considerably more active than water-white rosin. Although its activity closely approaches that of fully activated rosins, it still conforms to all of the requirements of Type RMA (Rosin Core, Mildly Activated) of Federal Specification QQ-S-571. The RSF paste flux meets DOD-STD-2000 & also the IPC-J-004 standard for type ROL0, the lowest residue corrosivity category. Thermal stability enabling excellent wetting and reduced carbonization at soldering temperatures. RSF-R80 Rosin Flux is MADE IN USA.

### 4. Application:

The active ingredients in RSF-R80 are non-ionic and non-conductive even in the presence of moisture. Like rosin, it becomes active only at elevated temperatures, reverting to an inactive state at room temperature. It is recommended for all applications where post-soldering cleaning is not feasible, and the residue must be highly insulating.

### 5. Specifications:

Softening Point	160°F (71°C)
Rosin Grade	WW per Fed. Spec. LLL-R-626
Acid No. (of Rosin)	150
Water Extract Resistivity	110,000 ohm-cm
Effect on Copper Mirror	None
Fungus Resistance	Per MIL-E-5272
Nonflammable, noncorrosive.	



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### 6. Formulation:

50-60%	WW Gum Rosin
15-25%	Dymerex Rosin
15-25%	Diethylene Glycol Dibutyl Ether

### 7. Residue Removal:

In applications requiring cleaning, RSF-R80 flux residues can be readily removed using an aqueous saponifier cleaning process. Can be removed by wiping with a cloth or with cleaning solvent (Radio Shack® Precision Electronic Cleaner #644345 or DeoxIT® Flux WASH #DFW-V710).

### 8. Safety:

RSF-R80 is not considered toxic; however, its use in typical soldering processes will generate a small amount of decomposition and reaction product fumes. These fumes must be adequately exhausted for operator safety and comfort.

### 9. Shipping and Additional Information:

Hazardous: No, Not regulated

### 10. Other Information:

RoHS Compliant: YES  
 VOC Compliant: YES  
**MSDS Link, RSF-R80**  
 Product Sheet:

<http://store.caig.com/s.nl/sc.18/category.233/f>  
<http://store.caig.com/s.nl/sc.2/category.2341/f>



### 11. MANUFACTURER DISCLAIMER:

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