



# NC217 Gel Flux



## Gel Rework Flux

### Features:

- Tin-Lead and Lead-Free Compatible
- Dries without Heat
- Passes SIR in Raw State

### Description:

NC217 Gel Flux is designed for touch-up and repair work where the flux may spread away from the heat source. NC217 Gel Flux is electrically safe and passes SIR -004B unheated. This gel flux dries within one hour of use with or without heat and is tack-free after four hours.

### Flux Application:

When being used in rework, application should be limited to the area being worked. Application via dispense needle, brush or a cotton swab is recommended.

### Cleaning:

- NC217 Gel Flux can be cleaned, if necessary. Please refer to the AIM Cleaner Matrix for a list of suitable cleaning materials.

### Handling and Storage:

- NC217 Gel Flux is best used within 1 year at 4° C-12° C (40° F-55° F) or 6 months at room temperature.
- Do not store new and used gel flux in the same container.

### Safety:

- Use with adequate ventilation and proper personal protective equipment.
- Refer to the accompanying Material Safety Data Sheet for any specific emergency information.
- Do not dispose of any hazardous materials in non-approved containers.

### Physical Properties:

Parameter	Value
J-STD-004B	ROLO
Acid Number	164.98mg KOH per gram flux

Parameter	Value
Viscosity	Gel-like consistency
Residues	Amber

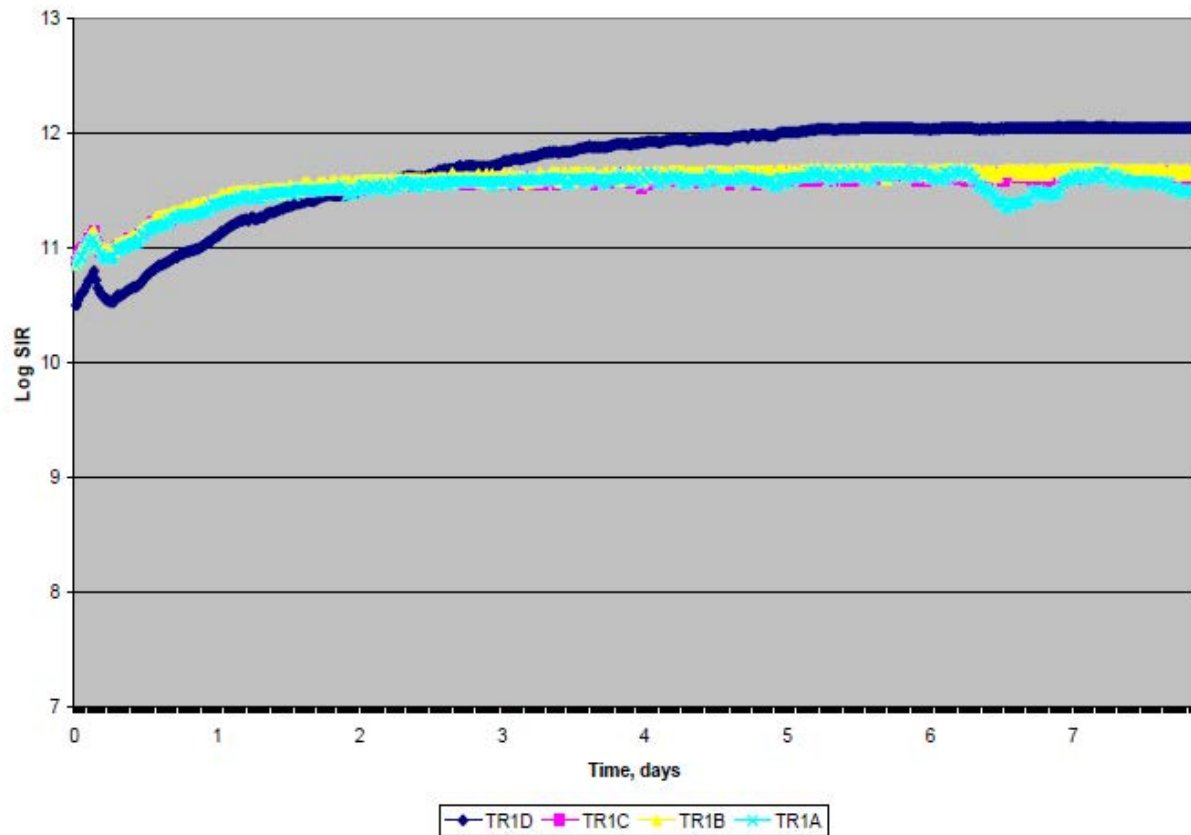
### Corrosion Testing:

Parameter	Requirements	Results
Copper Mirror (24 hrs @ 25°C, 50%RH)	IPC-TM-650-2.3.32	Low
Halide Test (Silver Chromate)	IPC-TM-650-2.2.33	Pass

## Surface Insulation Resistance:

Reference	Property	Results
IPC-TM-650 method 2.6.3.7 40°C / 90% R.H.	No evidence of electrochemical migration that reduces conductor spacing by more than 20%	No
	All test patterns exceed 100 MΩ	Yes
	No corrosion of the conductors	No
	Presence of dendrites	No
	Maximum percent reduction of spacing	0%
	Presence of discoloration between conductors	No
	Presence of water spot	No
	Presence of subsurface metal migration	No

### Raw Flux



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