



## PWR-4 Flux Remover Product# 3401

### Product Description

PWR-4™ Flux Remover is ideal where a safer, non-flammable, and cost effective cleaner is required. This innovative solvent is much safer than the four most common industrial solvents: TCE, nPB, Perc and Methylene Chloride and quickly cleans the most difficult baked-on R, RMA & no-clean fluxes from electronic assemblies. It is engineered to remain stable and effective over thousands of cycles in vapor degreasing equipment.

### Features / Benefits

- Non-flammable
- Much safer than most common industrial solvents —TCE, nPB, Perc & Methylene Chloride
- Powerful cleaner - Effective on R, RMA & no-clean fluxes
- Available in aerosol or bulk for vapor-degreasing, ultra-sonic and immersion cleaning
- Rapid evaporation

### Performance

*Per MIL-PRF-29608 4.5.9, % Efficiency / soil removal*

#### Soil Removal – Ultrasonic Cleaning

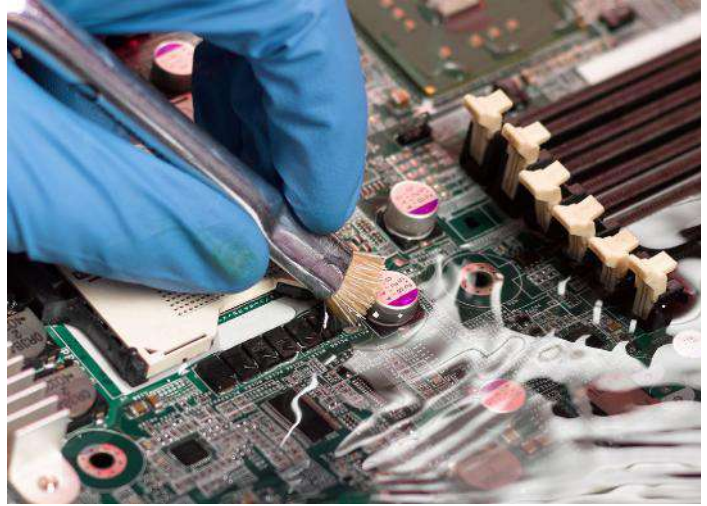
- Kester 959 Low Res No-Clean Flux 100%
- W/W Gum Rosin 100%

#### Soil Removal – Vapor Degreasing

- Kester 959 Low Res No-Clean Flux 100%
- W/W Gum Rosin 100%

#### Soil Removal – Hand Wiping

- Kester 959 Low Res No-Clean Flux 100%
- W/W Gum Rosin 100%



### Typical Product Data and Physical Properties

Physical State:	Liquid
Odor:	Faint ethereal odor
Color:	Clear
Percent Volatile:	100
Flash Point (Method)	none (TAG CC)
KB Value:	100
Specific gravity:	1.27
Vapor pressure (mmHg)	267
VOC* Content	Carb 100%
	SCAQMD 1201 g/L
	EPA 95%

### Vapor Degreaser Setting Guidelines

Boiling point	118°F (48°C)
Boil sump temp set	127°F (53°C)
High solvent temp set	136°F (58°C)
Refrigerant high temp set	109°F (43°C)

## PWR-4 Flux Remover

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#### Compatibility

Material Name	Plastics Compatibility
ABS:	Not Compatible
Buna-N:	Fair
EPDM:	Fair
Graphite:	Excellent
HDPE:	Excellent
LDPE:	Good
Lexan:	Fair
Neoprene:	Fair
Noryl:	Not Compatible
Nylon 66:	Excellent
Cross-Linked PE:	Excellent
Polypropylene:	Excellent
Polystyrene:	Not Compatible
PVC:	Excellent
Silicone Rubber:	Poor
Teflon	Excellent
Viton:	Fair

#### Packaging and Availability

PWR-4 Flux Remover available in the following sizes:

<b>3401-G</b>	1 gallon
<b>3401-5G</b>	5 gallons
<b>3401-54G</b>	54 gallons

#### Environmental Policy

Techspray® is committed to developing products to ensure a safer and cleaner environment. We will continue to meet and sustain the regulations of all federal, state and local government agencies.

#### Resources

Techspray® products are supported by global sales, technical and customer services resources.

For additional technical information on this product or other Techspray® products in the United States, call the technical sales department at 800-858-4043, email [tsales@techspray.com](mailto:tsales@techspray.com) or visit our web site at: [www.techspray.com](http://www.techspray.com).

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