



# TECHNICAL DATA SHEET

## PAI SOLVENT/THINNER

PAI Solvent / Thinner is exclusively designed for retaining Flux Solid concentration in Wave Soldering Liquid Fluxes to get maximum Performance and defect free Soldering.

### Application:

During Processing the Liquid Fluxes, it is tend to evaporate when oxygen interfaces at Fluxing Process and loses its required Specific Gravity. To retain Factory established formulation & characteristics of Liquid Fluxes, PAI Solvent/Thinner is to be added with respect to maintain required Specific Gravity of respective Fluxes. Especially applicable at Foam or Wave Type Fluxing Processes in Wave Soldering Systems.

- It is used widely as a solvent and as a cleaning fluid, especially for dissolving oils

### FEATURES & BENEFITS

- Excellent Cleaning agent
- Non-toxic compared to alternative solvents
- Fast Drying
- Dries to zero residue
- Post soldering flux residues generally are removed

### Technical Specification

### Storage Life & Indication

Store in cool place and tighten the cap. Do not expose to sunlight or heat source.

### Safety Indication

PAI Thinner must not be used near open flames or near non-flameproof electrical equipment. Please refer to the Material Safety Data Sheet as the primary source of health and safety information.

### Technical Specifications :

Property	Test Method	Unit	Spec	Result
Purity	GAS CHRO	Wt %	≥ 99.8	99.98
Color	ASTM D 1209	APHA	≤ 5	2
Water	ASTM D 1364	Wt %	≤ 0.05	0.0060
SP.GR (20/4 C)	ASTM D 1298	-	0.785~ 0.787	0.786
Acidity	ASTM D 1613	Wt ppm	≤10	2
KMNO4_Test	ASTM D 1363	Min	≥ 30	40
R.E(Residue after Evaporation)	ASTM D 1353	Wt ppm	≤15	4

For more details, please visit Our Website at [www.persangalloy.com](http://www.persangalloy.com) or write to us.



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