



Precision-V Vapor-Degreaser Flux Remover

1655

Flux removers (defluxers) remove flux residues and other contaminants left by manufacture, rework, or repair of printed circuit boards. Residues from higher, leadfree temperatures are more baked on and harder to clean. Techspray flux removers have been proven very effective at removing fluxes baked on at leadfree temperatures.



Powerful vapor degreaser solvent

Ideal replacement for AK225-based liquid cleaners, which were eliminated at the beginning of 2015 due to ozone depletion restrictions (for more information, go to www.ak225ban.com). Precision V Vapor Degreaser Flux Remover provides azeotropic properties that allow it to safely and efficiently cycle in a vapor-degreaser. It is not reactive nor corrosive to metals commonly found in the construction of vapor-degreasers. Exposure to Precision-V solvents is less hazardous than other solvents commonly used in vapor-degreasers: e.g. TCE, nPB, and Perc. Precision V Vapor Degreaser Flux Remover has a lower boiling point than other vapor-degreaser solvents, reducing heat-stress on components being cleaned and reducing energy consumption from the boil sump and chiller coils. Precision-V Flux Remover cleans R, RA, RMA and SA type flux residues after high temperature reflow, wave and hand-soldering. It is ideal for lead and lead-free processes.

NOTE: As with all vapor degreaser equipment and processes, observe all safety precautions, guidelines and operating rules associated with these units. Failure to do so may put operations personnel at risk. Avoid excessive vapor losses, loss of refrigeration, excessive boil sump heat, etc. Make sure all equipment is operated in accordance with the manufacturer's guidelines and instructions. If in doubt, contact your manufacturer immediately.

- **Powerful cleaner**
- **Non-flammable**
- **Non-ozone depleting**
- **Safe on electronics**
- **Rapid evaporation**
- **Zero residue**
- **Safe on most plastics**
- **EPA SNAP approved**
- **Low VOC**
- **Vapor-degreaser formula**



Product Packaging

1655-G
Precision-V Vap-Degr Flux
Remover
1 gal
1 units/case

Technical Information

Chemical Composition

CHEMICAL NAME	CAS #
1,1,1,2,2,3,4,5,5,5-decafluoropentane (HFC-4310mee)	138495-42-8
1,2-transdichloroethylene	156-60-5
1,1,1,3,3-pentafluorobutane (HFC-365mfc)	406-58-6
Ethanol	64-17-5
Methanol	67-56-1
Nitromethane	75-52-5

Metals Compatibility

MATERIAL NAME	RATING
Brass foil	Excellent short-term, slight reaction long-term
Copper foil	Excellent short-term, slight reaction long-term
Nickel 200	Excellent short-term, slight reaction long-term
Aluminum 6061	Excellent
Aluminum 2024	Excellent short-term, slight reaction long-term
Stainless Steel 316	Excellent
Stainless Steel 304	Excellent
Mild carbon steel	Slight reaction short- and
Galvanized Steel	



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Plastics & Rubber Compatibility

MATERIAL NAME	RATING
ABS	Not compatible
Nylon	Excellent
Lexan	Not compatible
HDPE	Excellent
LDPE	Excellent
C. E. Phenolic	Excellent
PMMA	Not compatible
POM	Excellent
PP	Excellent
PS	Not compatible
PTFE	Excellent
PVC	Not compatible

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 a 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 or visit our web site at: www.techspray.com.

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Countries Outside US
 Call to locate a distributor in your country.

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