

CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 1999

DateRun: 08/20/1999

Experimenters: Nicole Vayo

ClientType: Lab

ProjectNumber: Project #1

Substrates: Aluminum, Glass/Quartz, Plastic, Stainless Steel

PartType: Coupon

Contaminants: Adhesive, Coatings, Fluxes, Greases, Oil

Cleaning Methods: Immersion/Soak

Analytical Methods: Gravimetric

Purpose: Laboratory evaluations of alternative cleaning products

Experimental Procedure: Basic cleaning performance testing was conducted using ASTM G122 as the bases for cleaning.
Laboratory evaluation.
Contaminant: Adhesive, CAS: 9010-98-4, 95997-13-9, 68083-03-4, 108-88-3
Coating, CAS: 64742-47-8, 64742-52-5
Oil, CAS: 64741-89-5
Grease, CAS: 64742-47-8
Flux, RMA

Results:

Summary:

Substrates:		Aluminum, Glass/Quartz, Plastic, Stainless Steel			
Contaminants:		Adhesive, Coatings, Fluxes, Greases, Oil			
Company Name:	Product Name:	Conc.:	Efficiency:	Effective:	Observations:
US Polychem Corporation	Hydropurge HPL 790	5	94.30	<input checked="" type="checkbox"/>	adhesive
US Polychem Corporation	Hydropurge HPL 790	5	50.20	<input type="checkbox"/>	coating
US Polychem Corporation	Hydropurge HPL 790	5	76.50	<input type="checkbox"/>	oil
US Polychem Corporation	Hydropurge HPL 790	5	84.20	<input type="checkbox"/>	grease
US Polychem Corporation	Hydropurge HPL 790	5	22.90	<input type="checkbox"/>	lubricant
US Polychem Corporation	Hydropurge HPL 790	5	97.40	<input checked="" type="checkbox"/>	flux
EcoLink	Heavy Weight Non Butyl Detergent	5	95.70	<input checked="" type="checkbox"/>	coating
EcoLink	Heavy Weight Non Butyl Detergent	5	84.20	<input type="checkbox"/>	oil
EcoLink	Heavy Weight Non Butyl Detergent	5	97.80	<input checked="" type="checkbox"/>	grease
EcoLink	Heavy Weight Non Butyl Detergent	5	84.10	<input type="checkbox"/>	lubricant
Valtech Corporation	Valtron SP 2250 2LF	5	89.50	<input checked="" type="checkbox"/>	coating
Valtech Corporation	Valtron SP 2250 2LF	5	93.80	<input checked="" type="checkbox"/>	oil
Valtech Corporation	Valtron SP 2250 2LF	5	98.80	<input checked="" type="checkbox"/>	grease

Conclusion: