

CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 2002

DateRun: 02/27/2002

Experimenters: Purav Dave

ClientType: Lab

ProjectNumber: Project #1

Substrates: Stainless Steel

PartType: Coupon

Contaminants: Mold Releases

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.
Cleaning: 5 min. immersion cleaning at 120 F with stir-bar agitation.
Rinsing: 1/2 min. manual with water at 120 F.
Drying: 1 min. with heat gun at 500 F.
Contaminant: GE Silicones-silicone emulsion
CAS#: 112945-52-5

Results:

Summary:

Substrates:		Stainless Steel				
Contaminants:		Mold Releases				
Company Name:	Product Name:	Conc.:	Efficiency:	Effective:	Observations:	
United Laboratories International	United 450 All Clear	5	95.13	<input checked="" type="checkbox"/>		
ITW Fluid Products Group	AccuClean	5	96.93	<input checked="" type="checkbox"/>		
Oakite Products	Inproclean 2000	5	97.52	<input checked="" type="checkbox"/>		
Carroll Company	Blue Gold Heavy Industrial Cleaner	5	85.18	<input checked="" type="checkbox"/>		
EnviroSan Products Ltd	Solution 2000	5	92.71	<input checked="" type="checkbox"/>		
Chemical Technologies	Green Thunder	5	90.35	<input checked="" type="checkbox"/>		

Conclusion: All cleaners were effective on the contaminant.