

CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 2015
 DateRun: 06/10/2015
 Experimenters: Alicia Melvin
 ClientType: Chemical Company
 ProjectNumber: Project #1
 Substrates: Stainless Steel
 PartType: Coupon
 Contaminants: Adhesive, Coatings, Resins/Rosins
 Cleaning Methods: Immersion/Soak
 Analytical Methods: Gravimetric, Visual

Purpose: To evaluate Methyl 408 and Ethyl 408 on their removal effectiveness for precision cleaning applications

Experimental Procedure: Three coatings from precision cleaning projects were applied to surfaces and then cleaned using immersion and manual cleaning.

Results: Methyl 408 and Ethyl 408 absorbed into the guerilla epoxy and clear lacquer, and affected the gravimetric results even though, visually, they both removed most of the soils. The red lacquer did not absorb the chemicals, so a gravimetric reading was possible. Both chemicals are decent at precision cleaning.

Cleaning Category	Precision Cleaning		
Soil type	Adhesive	Resin	
Specific soil	Guerilla Epoxy	Clear Lacquer	Red Lacquer
Methyl 408	Mostly Effective	Mostly Effective	92.92%
Ethyl 408	Mostly Effective	Mostly Effective	74.29%

Summary:

Substrates:	Stainless Steel				
Contaminants:	Adhesive, Coatings, Resins/Rosins				
Company Name:	Product Name:	Conc.:	Efficiency:	Effective:	Observations:
Xf Technologies	Methyl 408	100	92.92	<input checked="" type="checkbox"/>	
Xf Technologies	Ethyl 408	100	74.29	<input type="checkbox"/>	

Conclusion: The Methyl 408 is the better of the two cleaners on these soil types.