CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 1996

DateRun: 01/31/1996

Experimenters: Jay Jankauskas

ClientType: Coatings Manufacturer

ProjectNumber: Project #1

Substrates: Stainless Steel

PartType: Coupon

Contaminants: Adhesive, Coatings

Cleaning Methods: Immersion/Soak

Analytical Methods: Visual

Purpose: Preliminary lift test

Experimental Procedure: The purpose of this test is to perform a preliminary lift test for Coatings Manufacturer to get a basic idea of solvent action on the two Durane coatings.
Five different chemistries were tested at concentrated levels. 10 Coupons were contaminated, five with the #51072 Coating, and 5 with the #51144 Coating, setting time was a maximum of fifteen minutes. The chemistries were allowed 30 minutes to react with the coatings and then a visual observation was made on the chemistries' effectiveness.
SUBSTRATE MATERIAL: 304 stainless steel coupons
CONTAMINANTS: Durane Based Coatings, #51144 & #51072
CONTAMINATING PROCESS USED: Coatings applied to swab

Results: Chemistries were rated on a scale of 1 to 5 on each coating with 1 being the best performer, and 5 being the worst. The results are shown in the table below:

Chemistry	#51072 Coating	#51144 Coating	Notes & Observations
Terpene Tech 85B	2	4	Dissolving mechanism
U.S. Polychem 69 MC	3	1	Lift & Dissolve mechanisms
Frederick Gumm 228-D	1	3	Lift & Dissolve mechanism
Sentry Chem. Safe Strip	4	2	Dissolving mechanism
Inland Tech EP 921	4	5	Dissolving mechanism

Summary:

Substrates:	Stainless Steel				
Contaminants:	Adhesive, Coatings				
Company Name:	**Product Name:**	**Conc.:**	**Efficiency:**	**Effective:**	**Observations:**
Tarksol Inc	Tarksol HTF 85 B	100	0.00	☐	
US Polychem Corporation	Product 69 MC	100	0.00	☑	
EcoLink	Safe Strip	100	0.00	☐	
Inland Technologies Inc	EP 921	100	0.00	☐	

Conclusion: In this brief test The U.S. Polychem and the Frederick Gumm chemicals performed best.