

CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 2004

DateRun: 12/01/2004

Experimenters: Jason Marshall

ClientType: Consultant

ProjectNumber: Project #1

Substrates: Stainless Steel

PartType: Coupon

Contaminants: Coatings

Cleaning Methods:

Analytical Methods:

Purpose: To generate a list of alternative cleaning products.

Experimental Procedure: Using the laboratory's database for solvent cleaning substitution, the lab generated the following lists of products. The products have been evaluated at SSL under similar conditions to the client's criteria.

Results: The table lists products that have been used effectively for removing contaminant that contain petroleum based products.

Company Name	Product Name	Classification	Contaminant
AJ Associates	Dynadet	Caustic	Waxes
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BCS Company	Ultra Blue 100	Alkaline Aqueous	Lubricating/ Lapping Oils
Calgon Corporation	AK 6215	Alkaline Aqueous	Coatings
Calgon Corporation	Geo Guard 2215	Alkaline Aqueous	Greases
Calgon Corporation	SMS 206 K	Alkaline Aqueous	Lubricating/ Lapping Oils
Calgon Corporation	SMS 206 K	Alkaline Aqueous	Lubricating/ Lapping Oils
Chem Tech Solutions	Westech CT 1550	Terpene	Greases
Metabolix Inc	Metabolix E3HB	Ester	Waxes
Metabolix Inc	Metabolix E3HB	Ester	Waxes
Metabolix Inc	Metabolix E3HB	Ester	Waxes
Oakite Products	Inproclean 3800	Alkaline Aqueous	Greases
Oakite Products	Inproclean 3800	Alkaline Aqueous	Lubricating/ Lapping Oils
Oakite Products	Inproclean 3800	Alkaline Aqueous	Greases
Oakite Products	Inproclean 3800	Alkaline Aqueous	Greases
Oakite Products	Inproclean 3800	Alkaline Aqueous	Lubricating/ Lapping Oils
Oakite Products	Oakite 77	Powder Detergent	Coatings
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Sky Products Company Inc.	Cleaner #10	Alkaline Aqueous	Greases
Solvent Kleene Inc	D Greeze 1000	Petroleum Distillate	Waxes
Today & Beyond	Beyond 2006	Alkaline Aqueous	Waxes
US Polychem Corporation	Polyspray Jet 790 C	Caustic	Waxes
US Polychem Corporation	Polyspray Jet 790 XS	Alkaline Aqueous	Lubricating/ Lapping Oils
US Polychem Corporation	Polyspray Jet 790 XS	Alkaline Aqueous	Lubricating/ Lapping Oils

Summary:

Conclusion:

Cleaning varies from case to case. The SSL recommends process specific testing on potential replacement cleaning chemicals. If more information is needed on a particular product, or you are interested in conducting cleaning trials, please contact the lab at (978)934-3133.