CLEANING LABORATORY EVALUATION SUMMARY

SCL #:	1999
DateRun:	11/09/1999
Experimenters:	Jason Marshall
ClientType:	Silk Screen Printer
ProjectNumber:	Project #1
Substrates:	Plastic
PartType:	Coupon
Contaminants:	Inks
Cleaning Methods:	Manual Wipe
Analytical Methods:	
Purpose:	Information Request
Experimental Procedure:	SUBSTRATE MATERIAL: Polyester Silkscreen QUESTION ASKED: Would like a listing of cleaners that can be used for removing ink from polyester silkscreen. Need to have cleaner that has low or no VOCs
Results:	RESPONSE/ANSWER: The Massachusetts Toxics Use Reduction Institute (TURI) has made the results of the tests conducted at the Institute's Surface Cleaning Laboratory (SCL) into a searchable database/ spreadsheet format. This should make alternative cleaner selection faster and easier. Here are the results of your query, based on the information supplied: Table 1 lists the successful cleaning trials conducted using ultrasonic cleaning.

Table 1. Database Search Results

SCL #	Substrate	Contaminant	Process	Manufacturer	Product
97-538-02-2	SS	INK	MANUAL	T-SQUARE	HTF 50
97-538-02-2	SS	INK	MANUAL	T-SQUARE	HTF 60
98-559-01-1	AL-OXIDE	INK	IMMERSION	WR GRACE	DARACLEAN 282
98-559-01-1	AL-OXIDE	INK	IMMERSION	US POLYCHEM	DE-OX 007
98-559-01-1	AL-OXIDE	INK	IMMERSION	OAKITE	INPROCLEAN 3800
98-559-03-2	AL-OXIDE	INK	ULTRASONICS	WR GRACE	DARACLEAN 282
98-559-03-2	AL-OXIDE	INK	ULTRASONICS	OAKITE	INPROCLEAN 3800
96-423-02-2	PLASTIC	INK	IMMERSION	MACDERMID	ND 17
96-423-02-2	PLASTIC	INK	IMMERSION	MIRACHEM	MIRACHEM 500
98-559-04-2	PLASTIC	INK	IMMERSION	OAKITE	INPROCLEAN 3800
98-559-04-2	PLASTIC	INK	IMMERSION	BRULIN	COMPLIANCE
98-559-04-2	PLASTIC	INK	IMMERSION	CHRISAL USA	SUPER CMF 240
98-571-02-2	AL	INK	MANUAL	AG ENVIRONMENTAL	SOY GOLD 1000
98-571-02-2	AL	INK	MANUAL	OAKITE	INPROCLEAN 4000 T
98-571-02-2	AL	INK	MANUAL	BUCKEYE	SHOPMASTER
98-571-03-2	AL	INK	MANUAL	T-SQUARE	HTF 50
98-571-03-2	AL	INK	MANUAL	OAKITE	INPROCLEAN 4000 T
98-682-01-2	SS	INK	MANUAL	EXXON	AROMATIC 100 SOLVENT
98-682-01-2	SS	INK	MANUAL	AG ENVIRONMENTAL	SOY GOLD 1000
98-682-01-2	SS	INK	MANUAL	ENVIROSOLUTIONS	BIO-T MAX
98-682-01-2	SS	INK	MANUAL	FINGER LAKES	1/1/02
98-682-01-2	SS	INK	MANUAL	INLAND TECHNOLOGIES	EP 921

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98-682-01-2	SS	INK	MANUAL	T-SQUARE	HTF 60
98-682-03-4	SS	INK	MANUAL	ENVIROSOLUTIONS	BIO T MAX

Summary:

Substrates:	Plastic				
Contaminants:	Inks				
Company Name:	**Product Name:**	**Conc.:**	**Efficiency:**	**Effective:**	**Observations:**
No Specific Vendor	Supplied alternatives list		0.00	☑	

Conclusion: For further information or MSDSs on any of the listed products contact the lab at (978)934-3133.