

CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 1998

DateRun: 11/20/1998

Experimenters: Jason Marshall

ClientType: General

ProjectNumber: Project #1

Substrates: Steel

PartType: Coupon

Contaminants: Inks, Oil

Cleaning Methods:

Analytical Methods:

Purpose: Information request for die cleaning

Experimental Procedure: SUBSTRATE MATERIAL: Machinery

QUESTION ASKED: Looking for a fluid type of cleaning machinery for complex polymer die pieces. Conventional oxidative high temperature methods are not working well.

Results: RESPONSE/ANSWER: In 1998, the Massachusetts Toxics Use Reduction Institute (TURI) will publish the results of the tests conducted at the Institutes Surface Cleaning Laboratory (SCL) in 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:

SCL #	Substrate	Contaminant	Process	Cleaner
97-538-02-2	SS	INK	MANUAL	T-SQUARE
98-559-01-1	AL-OXIDE	INK	IMMERSION	WR GRACE
98-559-01-1	AL-OXIDE	INK	IMMERSION	US POLYCHEM
98-559-01-1	AL-OXIDE	INK	IMMERSION	OAKITE
98-559-03-2	AL-OXIDE	INK	ULTRASONICS	WR GRACE
98-559-03-2	AL-OXIDE	INK	ULTRASONICS	OAKITE
96-423-02-2	PLASTIC	INK	IMMERSION	MACDERMID
96-423-02-2	PLASTIC	INK	IMMERSION	MIRACHEM
98-559-04-2	PLASTIC	INK	IMMERSION	OAKITE
98-559-04-2	PLASTIC	INK	IMMERSION	BRULIN
98-559-04-2	PLASTIC	INK	IMMERSION	CHRISAL USA
98-571-02-2	AL	INK	MANUAL	AG ENVIRONMENTAL
98-571-02-2	AL	INK	MANUAL	OAKITE
98-571-02-2	AL	INK	MANUAL	BUCKEYE
98-571-03-2	AL	INK	MANUAL	T-SQUARE
98-571-03-2	AL	INK	MANUAL	OAKITE
98-682-01-2	SS	INK	MANUAL	EXXON
98-682-01-2	SS	INK	MANUAL	AG ENVIRONMENTAL
98-682-01-2	SS	INK	MANUAL	ENVIROSOLUTIONS
98-682-01-2	SS	INK	MANUAL	FINGER LAKES
98-682-01-2	SS	INK	MANUAL	INLAND TECHNOLOGIES
98-682-01-2	SS	INK	MANUAL	T-SQUARE
98-682-03-4	SS	INK	MANUAL	ENVIROSOLUTIONS
98-682-03-4	FILM	INK	MANUAL	ENVIROSOLUTIONS

Summary:

Conclusion: Cleaning projects vary from case-to-case. To obtain more detailed information about any of the listed trials, have the SCL # ready when contacting the lab at (978)934-3133.