# CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 1998

DateRun: 11/19/1998

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 comlex polymer die pieces. Conventional oxidative high temperature methods are not wokring 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.