# CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 1999

DateRun: 02/28/1999

Experimenters: Jason Marshall

ClientType: TUR Agency

ProjectNumber: Project #1

Substrates:

PartType: Coupon

Contaminants:

Cleaning Methods:

Analytical Methods:

Purpose: Information request for replacing isopropyl alcohol and acetone.

Experimental Procedure: QUESTION ASKED: Looking for a list of possible replacements for isopropyl alcohol or acetone.

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:

| SCL # | Substrate | Contaminant | Process | Manufacturer | Product |
|---|---|---|---|---|---|
| 97-541-01-1 | PLASTIC | ADHESIVE | MANUAL | BRULIN | COMPLIANCE |
| 97-541-01-1 | PLASTIC | ADHESIVE | MANUAL | LOCTITE | 7360 |
| 98-557-01-2 | AL | OIL | ULTRASONICS | MATCHLESS | MC 580 |
| 98-557-01-2 | AL | DUST | ULTRASONICS | MATCHLESS | MC 580 |
| 98-557-01-2 | AL | DIRT | ULTRASONICS | MATCHLESS | MC 580 |
| 98-557-01-2 | STEEL | OIL | ULTRASONICS | MATCHLESS | MC 580 |
| 98-557-01-2 | STEEL | DUST | ULTRASONICS | MATCHLESS | MC 580 |
| 98-557-01-2 | STEEL | DIRT | ULTRASONICS | MATCHLESS | MC 580 |
| 98-557-01-2 | AL | OIL | ULTRASONICS | US POLYCHEM | 2000 XS |
| 98-557-01-2 | AL | DUST | ULTRASONICS | US POLYCHEM | 2000 XS |
| 98-557-01-2 | AL | DIRT | ULTRASONICS | US POLYCHEM | 2000 XS |
| 98-557-01-2 | STEEL | OIL | ULTRASONICS | US POLYCHEM | 2000 XS |
| 98-557-01-2 | STEEL | DUST | ULTRASONICS | US POLYCHEM | 2000 XS |
| 98-557-01-2 | STEEL | DIRT | ULTRASONICS | US POLYCHEM | 2000 XS |
| 98-557-01-2 | AL | OIL | ULTRASONICS | OAKITE | INPROCLEAN 3800 |
| 98-557-01-2 | AL | DUST | ULTRASONICS | OAKITE | INPROCLEAN 3800 |
| 98-557-01-2 | AL | DIRT | ULTRASONICS | OAKITE | INPROCLEAN 3800 |
| 98-557-01-2 | STEEL | OIL | ULTRASONICS | OAKITE | INPROCLEAN 3800 |
| 98-557-01-2 | STEEL | DUST | ULTRASONICS | OAKITE | INPROCLEAN 3800 |
| 98-557-01-2 | STEEL | DIRT | ULTRASONICS | OAKITE | INPROCLEAN 3800 |
| 98-557-01-2 | AL | FINGERPRINTS | ULTRASONICS | MATCHLESS | MC 580 |
| 98-557-01-2 | STEEL | FINGERPRINTS | ULTRASONICS | MATCHLESS | MC 580 |
| 98-557-01-2 | AL | FINGERPRINTS | ULTRASONICS | US POLYCHEM 2000 XS | |
| 98-557-01-2 | STEEL | FINGERPRINTS | ULTRASONICS | | |

# CLEANING LABORATORY EVALUATION SUMMARY

| | | | | | |
|---|---|---|---|---|---|
| | | | | US POLYCHEM 2000 XS | |
| 98-557-01-2 | AL | FINGERPRINTS | ULTRASONICS | OAKITE | INPROCLEAN 3800 |
| 98-557-01-2 | STEEL | FINGERPRINTS | ULTRASONICS | OAKITE | INPROCLEAN 3800 |
| 98-675-03-2 | NICKEL | COATING | IMMERSION | WATER | WATER |
| 98-675-03-2 | COPPER | COATING | IMMERSION | WATER | WATER |
| 98-675-05-4 | NICKEL | COATING | IMMERSION | WATER | WATER |

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.