

CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 1998

DateRun: 03/12/1998

Experimenters: Jason Marshall

ClientType: Consultant

ProjectNumber: Project #1

Substrates: Glass/Quartz

PartType: Coupon

Contaminants:

Cleaning Methods:

Analytical Methods: Breath test

Purpose: Information on testing dealing with optical parts

Experimental Procedure: QUESTION #: 1
SUBSTRATE MATERIAL: Glass/optical
QUESTION ASKED: Want information on past lab testing dealing with glass/optical parts. Special interest in Breath Test analysis.

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 | Mechanism | Cleaner Manufacturer |
|-------------|-----------|-------------|-------------|----------------------|
| 95-409-01-2 | GLASS | WAX | ULTRASONICS | OAKITE |
| 95-409-02-2 | GLASS | WAX | IMMERSION | ALCONOX |
| 95-409-03-2 | GLASS | WAX | ULTRASONICS | ALCONOX |
| 95-409-03-2 | GLASS | WAX | ULTRASONICS | OAKITE |
| 97-435-01-8 | GLASS | ROSIN | IMMERSION | OCCIDENTAL |
| 97-550-01-3 | GLASS | GREASE | ULTRASONICS | ALCONOX |
| 97-550-01-3 | GLASS | OXIDES | ULTRASONICS | ALCONOX |
| 97-551-01-2 | GLASS | PITCH | ULTRASONICS | INT. PRODUCTS |
| 97-551-01-2 | GLASS | PITCH | ULTRASONICS | LPS |
| 97-551-01-2 | GLASS | PITCH | ULTRASONICS | MACDERMID |
| 97-551-01-2 | GLASS | PITCH | ULTRASONICS | OAKITE |
| 97-551-01-2 | GLASS | POLISH | ULTRASONICS | INT. PRODUCTS |
| 97-551-01-2 | GLASS | POLISH | ULTRASONICS | LPS |
| 97-551-01-2 | GLASS | POLISH | ULTRASONICS | MACDERMID |
| 97-551-01-2 | GLASS | POLISH | ULTRASONICS | OAKITE |

Summary:

Conclusion: Cleaning projects vary from case-to-case. The reports for each of the listed trials have been sent detailing the test specifics. The report for 97-551-01-2 discusses the Breath Test.