

CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 2007
 DateRun: 06/28/2007
 Experimenters: Jason Marshall
 ClientType: General
 ProjectNumber: Project #2
 Substrates: Plastic
 PartType: Part
 Contaminants: Coatings, Paints
 Cleaning Methods: Immersion/Soak
 Analytical Methods: Visual

Purpose: To test more paint strippers for removing paint from golf balls.

Experimental Procedure: The products were used at full strength at room temperature. One golf ball was cleaned at each temperature at 10 minute intervals for a total of 60 minutes. At the ten minute interval, the ball was wiped dry with a paper towel. Observations were made and compared to the client's current cleaner.

| Results: | Mfr | Product | Time | Observations |
|----------|----------------|-----------|------|--------------------------|
| | Franmar | Soy Strip | 10 | No change |
| | | | 20 | No change |
| | | | 30 | Some black paint removed |
| | | | 40 | Surface not as shiny |
| | | | 60 | No Change |
| | | Emerge | 10 | No change |
| | | | 20 | No change |
| | | | 30 | No change |
| | | | 40 | No change |
| | | | 60 | No Change |
| | | Soy Gel | 10 | No change |
| | | | 20 | Some black paint removed |
| | | | 30 | No change |
| | | | 40 | No change |
| | | | 60 | No Change |
| | Green Products | aMAZing | 10 | No change |
| | | | 20 | No change |
| | | | 30 | No change |
| | | | 40 | No change |
| | | | 60 | No Change |

Summary:

| Substrates: | | Plastic | | | | |
|----------------------|---|------------------|-------------|-------------------------------------|---------------|--|
| Contaminants: | | Coatings, Paints | | | | |
| Company Name: | Product Name: | Conc.: | Efficiency: | Effective: | Observations: | |
| Franmar Chemical | Soy Strip Paint Stripper | 100 | | <input checked="" type="checkbox"/> | | |
| Franmar Chemical | Emerge super infusion surfactant (one gallon NVC) | 100 | | <input type="checkbox"/> | | |
| Franmar Chemical | Soy Gel Paint Stripper | 100 | | <input checked="" type="checkbox"/> | | |
| Green Products | aMAIZEing biobased solvent and stripper | 100 | | <input type="checkbox"/> | | |

Conclusion: Only two products showed minimal signs of removing the coating and paint from the surface.