

## Reflectance Standards Care and Handling Guidelines

Reflectance Standards are optical standards, and should be handled in much the same way as other optical standards. Although the material is very durable, care should be taken to prevent contaminants such as finger oils from contacting the material's surface. Always wear clean gloves when handling the reflectance.

### 1. CLEANING INSTRUCTIONS

If the material is lightly soiled, it may be air brushed with a jet of clean dry air or nitrogen. **DO NOT** use Freon. For heavier soil, the material can be cleaned by sanding under running water with a 220-240 grit waterproof emery cloth until the surface is totally hydrophobic (water beads and runs off immediately). Blow dry with clean air or nitrogen or allow the material to air dry.

### 2. STORAGE AND TRANSPORTATION

Reflectance standards should be stored such as other optical standards in a clean laboratory environment. It is recommended to always keep the standards in a plastic bag or covered box except for use. After exposure to extreme temperature and humidity conditions, e.g. during transportation, the standard should be allowed to adapt to the laboratory environment for a period of 2 hours.