

## What are Solids?

Floor Finishes and waxes are composed of two main parts—volatile and non-volatile.

### **Volatile:**

Those ingredients that evaporate after the finish is put down.

These are primarily water and solvents.

### **Non-Volatile:**

Those ingredients that remain on the floor after all the volatiles evaporate.

Because of this a **25% solids finish** will leave a thicker film when dry than an **18% solids finish** (39% more).

Solids are made up of the following:

**Polymers** - The acrylic portion

**Polyethylene waxes** - Synthetic wax portion

**Resins** - Contributes to leveling and some gloss

**Emulsifiers** - Allow the polymers, etc. to mix with water

**Drying Agents** - Help promote drying and bonding

**Zinc** - Provides extra detergent resistance and makes stripping easier

**Fillers** - Inexpensive chemicals that add to the solids content but do not contribute to gloss, durability, etc.

