Hazardous Product Purchasing Guide

Our hazard communication and hazardous waste programs require departments to effectively:

- centrally manage chemical purchases and chemical inventory
- protect human health and safety by reviewing processes, substituting to less hazardous chemicals, elimination of non-engineered hazardous processes
- reduce our hazardous waste disposal costs and impact on environment

Avoid oil-based products unless a necessity and approved by instructor/supervisor
Use only preferred solvents unless an absolute necessity and approved by instructor/supervisor

Preferred Solvents

| Odorless Mineral Spirits |
| Denatured Alcohol |
| Odorless VM&P Naphtha |
| Odorless Paint Thinner |
| Non-Solvent Alternative Cleaners |

Hazardous Solvents/Products: Eliminate

| Paint Thinner | MEK |
| Lacquer Thinner | Toluene |
| Turpentine (gum turpentine) | Xylene |
| Mineral Spirits | n-Hexane |
| Acetone |

NOTE: Substitution to less hazardous preferred solvents/paints does not mean these products are safe to use! Best practices should integrate the use of proper engineered ventilation, keeping evaporation of solvent to a minimum and using properly selected personal protective equipment. The instructor/supervisor is responsible for ensuring the proper use of PPE for staff/students.

Water-based products offer three advantages. They have a lower amount of harmful vapors, they do not require the additional use of hazardous solvents to clean-up, and there are no hazardous wastes to store, inventory, label or dispose of.
**Vendor Supply List**

**Home Depot** – IH 35 next to Wal-Mart

Latex Paint (If you want a hard glossy type finish, similar to oil-based, buy a 100% acrylic latex paint)

Minwax water-based stains

Minwax Polyacrylic Finish (this is a substitute for the more toxic polyurethane)

Elmers Wood Glue

Klean-Strip Odorless Mineral Spirits

**Ace Hardware** – 212 W. 7th Street, Georgetown

Latex Paint (If you want a hard glossy type finish, similar to oil-based, buy a 100% acrylic latex paint)

Minwax Polyacrylic Finish (this is a substitute for the more toxic polyurethane)

Ace Denatured Alcohol

Crown Odorless Paint Thinner

*Crown® Odorless Paint Thinner* is an excellent artist quality thinner. The odorless substitute for Turpentine. For use in reducing artist oil colors and most brush-applied alkyd and oil-type paints, varnishes, and enamels. Improves brushing qualities. Cleans palettes, brushes, rollers, and spray equipment. Removes dirt and grease from surface before painting.
Caution: Hazardous Glazes – Avoid Toxic Metals

Caution: These glazes can be toxic during mixing and handling, as well as having potential for toxic effects from leaching during use after fired and finished.

Lead
Cadmium
Antimony
Arsenic
Barium
Lithium
Uranium
Chromium
Cobalt
Manganese
Nickel
Vanadium
Mercury