

## Graphic Arts Safety

## Safe working attitudes

- Not fear of equipment
- Respect and knowledge of operation
- Attitude of safety in the lab transfers to the job and all other aspects of life

## Causes of accidents

- 2% - Acts of God
- 10% - Unsafe conditions
- 88% - Unsafe acts

## General safety rules

- Personal conduct - "Horseplay"
- Permission - never operate equipment without complete instruction
- Cleanliness
  - DO NOT use solvents for cleanup
  - Wash thoroughly with soap and water after handling chemicals

## Chemicals

- Handle with care
- Pour strong into weak, chemicals into water

## MSDS-Material Data Safety Sheets

- 1 - Manufacturer's name, address, phone
- 2 - Hazardous ingredients
- 3 - Physical data - boiling point, evaporation, weight
- 4 - Fire and explosion hazard data
- 5 - Health hazard data
- 6 - Reactivity data
- 7 - Spill and leak procedures
- 8 - Special protection information
- 9 - Special precautions
- 10 - Disclosure

## Fire Safety

- Lab cleanliness
- Extinguishers
  - Class A - paper, wood, rags
  - Class B & C - oil base and plastic materials, electrical equipment
  - Class A, B, & C - electrical equipment

## General lab area safety

- No heavy objects or leaning on light tables
- Avoid looking into bright light sources
- Handle all scissors and knives with care
- Only one person at a time is to operate the paper cutter

## Darkroom safety

- Allow time for eyes to become accustomed to dim lights
- Handle all chemicals with care
- Wipe up or mop spilled chemicals or water

## Pressroom safety

- Operate equipment only after instruction
- Guards should be in place
    - Barrier that prevents anything from entering a dangerous area
    - Nip/Pinch points - the place where two revolving first contact each other
    - Keep all tools away from operating press
    - Take care when handling paper
    - Check for others in the area when starting presses
    - Never clean a moving press by hand
    - Remove all rings, beware of loose clothing, hair