

Chemical Storage Flammable Cabinets

DT Workshop Equipment Reference — D&T / STEM resource for school workshops | Safety & First Aid



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Flammable liquid storage cabinets are fire-rated steel cabinets that contain flammable solvents, thinners and paints, limiting the spread of fire and keeping fumes away from ignition sources. They are required wherever flammable liquids are used and stored.

Key Features

- Fire ratings of 15-90 minutes
- Double-wall steel construction
- Vented bung connections with flame arresters
- Leak-proof sump trays
- Warning labels and closures

Typical Uses in the Workshop

- Store thinners, solvents and paints safely
- Keep flammable chemicals away from ignition
- Comply with chemical storage regulations
- Segregate flammable from oxidising materials

Safe Operation

1. Store containers upright and closed
2. Keep the cabinet locked when not in use
3. Label the cabinet contents clearly
4. Keep the vent bungs capped unless required
5. Return chemical containers after use

SAFETY NOTES

- Never store incompatible chemicals together
- Keep the cabinet away from heat and ignition
- Do not store corrosives with flammables
- Empty the sump of leaks promptly
- Check the fire rating matches the risk

Maintenance & Consumables

- Inspect the cabinet and seals regularly
- Check the sump for leaks
- Clean spills immediately
- Check labels and signage
- Audit the contents termly

Specification & Buying Notes

Choose a certified cabinet with a fire rating matching the local rules, sized to the chemical stock with a sump. Buy from a safety supplier with the compliance documentation included.