

Super Glue (Cyanoacrylate) Accelerators

DT Workshop Equipment Reference — D&T / STEM resource for school workshops | Adhesives & Tapes



Photo: HomeSpot HQ — CC BY 2.0 — via Wikimedia Commons (Super_Glue_(8560816706).jpg)

Super glue (cyanoacrylate) bonds fast and strong to many materials, while accelerators spray to make it cure in seconds instead of minutes. Together they give instant assembly fixes for models, repairs and production work.

Key Features

- Thin, medium and gel viscosities
- Accelerator sprays and drops
- Cure times from seconds with accelerator
- Bonding to wood, metal, plastic, rubber
- Precision applicator nozzles

Typical Uses in the Workshop

- Repair broken parts instantly
- Bond models and prototypes
- Fix small assemblies without clamps
- Join materials quickly in production

Safe Operation

1. Clean and fit the surfaces dry
2. Apply a thin film to one surface
3. Press together firmly
4. Spray or drop accelerator for fast cure
5. Avoid fingerprints - bond parts with tweezers

SAFETY NOTES

- Cyanoacrylate bonds skin instantly - keep away from eyes
- Use in a ventilated area - vapours irritate
- Keep caps sealed between uses
- Wipe spills with acetone carefully
- Store out of children's reach

Maintenance & Consumables

- Keep nozzles clear and capped
- Store upright in a cool dry place
- Replace bottles that clog
- Keep accelerator separate from glue
- Check the shelf life

Specification & Buying Notes

Stock thin, medium and gel cyanoacrylates with accelerator spray. Quality brands give consistent cure; cheap glues skin over and bond weakly.