

Material Safety Data Sheet (SDS)

KAB LV-401 (Ethyl Cyanoacrylate Instant Adhesive)

1. Identification

- Product Name: KAB LV-401 (Low-viscosity ethyl cyanoacrylate adhesive)
- Intended Use: Rapid-bonding adhesive for plastics, metals, rubber, wood, leather; also for post-assembly wicking into close-fitting parts.

2. Hazard Identification

- Hazards: Bonds skin and eyes instantly; irritation or burns upon direct contact.
- Labeling Notes: Contact irritant and bonding agent.

3. Composition / Information on Ingredients

- Main component: Ethyl cyanoacrylate
- Properties: Colorless liquid; viscosity ~15–20 cP at 25 °C.

4. First-Aid Measures

- Skin Contact: Do not pull bonded skin apart. Soak in warm soapy water or use acetone. Seek medical attention if irritation persists.
- Eye Contact: Rinse with water. Prevent bonding of eyelids. Seek medical attention if needed.
- Inhalation: Ensure adequate ventilation.
- Ingestion: Avoid ingestion. Treat symptomatically and seek medical care.

5. Fire-Fighting Measures

- Use foam, CO₂, dry chemical as extinguishing media.
- Wear protective equipment and breathing apparatus.

6. Accidental Release Measures

- Avoid skin and eye contact.
- Absorb with inert material (sand).
- Clean with acetone after material cures.
- Dispose per local regulations.

7. Handling and Storage

- Handle in ventilated area; avoid contact with skin and eyes.
- Store tightly closed in a cool, dry place (20–25 °C). Do not freeze.
- Shelf life: ~12 months.

8. Exposure Controls / Personal Protection

- Engineering Controls: Ventilation as needed.
- Gloves: Nitrile or resistant gloves.
- Eye Protection: Safety goggles or face shield.
- Skin Protection: Avoid contact; wash after handling.

9. Physical and Chemical Properties

- Appearance: Colorless liquid
- Viscosity: ~15–20 cP at 25 °C
- Odor: Faint cyanoacrylate odor

10. Stability and Reactivity

- Stable under normal conditions.
- Cures rapidly in presence of moisture.
- Avoid moisture during storage.

11. Toxicological Information

- Skin/Eye Contact: Bonds rapidly, may cause irritation or burns.
- Inhalation/Ingestion: Low vapor hazard; ingestion should be avoided.

12–15. Ecological, Disposal, Transport, Regulations

- Cured material is inert; environmental hazards minimal.
- Dispose per local regulations.
- Shipping: Consumer adhesive regulations apply unless in bulk.

16. Other Information

- Based on manufacturer notes from Astral Adhesives.
- Users should request official SDS for regulatory compliance.

