

HUMIDITY & MOISTURE CONSIDERATIONS IN STORAGE

OVERVIEW

Humidity and moisture exposure can compromise the chemical stability of resinous coatings, particularly amine-cured epoxies, polyureas, and polyaspartics. Moisture contamination can result in gelation in the container, fish-eyes, pinholes, or incomplete cure.

Key Considerations

- **Container Integrity:** Moisture ingress can occur through poorly sealed lids.
- **Ambient Humidity:** High humidity can initiate pre-reaction in polyamines or polyurethane prepolymers.
- **Absorptive Solids:** Pigmented products can absorb moisture, affecting color consistency.

Preventive Measures

- Store indoors in dry, climate-controlled areas.
- Use desiccant packs for sensitive products if recommended.
- Inspect packaging for leaks or condensation.
- Avoid opening containers until immediately ready for use.