

## Decision Tree: Bonding & Grounding for Flammable Liquids

### 1. Identify the Liquid:

- If flashpoint <100°F → Continue to Step 2;
- If >100°F and will not be heated above its flashpoint, Bonding &Grounding is not required.

### 2. Identify Source Container Size:

- ≤4 L: Bonding &Grounding is **not required**; perform transfer in certified chemical fume hood.
- >4–20 L: Bonding &Grounding is **required**; use certified fume hood or ventilated lab to perform transfer.
- 20 L–55 gal: Bonding &Grounding is **required**; perform in flammable-liquids rated room or outdoors.

### 3. Determine Container Material:

- Metal/conductive: Standard Bonding &Grounding applies.
- Plastic/glass: Cannot bond walls as is; Must use a grounded metal fill tube/funnel or grounding rod reaching liquid.

### 4. Setup Steps:

- 1) Bond dispensing container to the receiving container.
- 2) Then ground system to a verified ground.
- 3) Ensure clean metal-to-metal contact.
- 4) Discharge personal static before handling.
- 5) Perform transfer

