# Description of Refillable Containers for Liquid Pesticides

All portable refillable containers (PRCs) used for pesticide distribution are required to include safety and design standards.

These standards are:

1. All PRCs must meet the US Department of Transportation requirements for hazardous material packages at a minimum of PG III.
2. All vents in refillable containers must be designed to minimize the amount of material that could be introduced through the vent.
3. Each non-vent opening must include a one-way valve, a tamper evident device, or both.
4. Containers must be marked with a serial number, or some other unique identifying code.

PRCs used in the pesticide industry can be grouped into categories based on design.

Pesticide products can only be placed in containers that are identified as acceptable by the Product Registrant.

The following categories of pesticide PRCs may be used by registrants when describing the type of container that is acceptable for use for a specific product.

This guidance document does not exclude use of other options which meet the container requirements of the 2006 EPA Container and Containment rule and/or are authorized as acceptable by the product registrant.

Containers with the product name molded into the container should remain dedicated to that product.

| | Category 1 | Category 2 | Category 3 | Category 4 | Category 5 |
|---|---|---|---|---|---|
| Description: | Blow-molded inner container in cage or shell | Thick Wall container on a protective base-or legs | Thick wall, Proprietary Design | One Piece Container | One Piece Container |
| Bottom Discharge | with or without bottom discharge | with or without bottom discharge | with or without bottom discharge | No bottom discharge | with or without bottom discharge |
| Cylindrical/Square | Square | Square or Cylindrical | Square/Cylindrical or Custom | Cylindrical | Square or Cylindrical |
| Stackable | Yes | Yes | Yes or No | Yes & No | Yes |
| Options | | May have top chime. May be equipped with a pump. | May have top chime. May be equipped with a pump. | May have top and bottom chimes | |
| Materials | HDPE bottle & Metal cage | HDPE and LLDPE Plastic | HDPE and LLDPE Plastic | HDPE and LLDPE Plastic | Stainless Steel |
| UN / DOT Authorization | UN 31HA2 | UN31H1, UN31H2, | UN1H1, UN3H1, UN31H1, UN31H2, None | UN1H1, UN3H1, UN31H1, UN31H2, | UN1A1, UN31A1, DOT 57 |
| Containers in each category include, but are not limited to, those pictured here. | | | | | |