

BX-54E Packing Instructions

Shipper must ensure compatibility with all packaging materials and follow all appropriate transport regulations. For air shipment of liquids, containers must meet pressure, secondary closure and leak-proof liner requirements (**See IATA DGR Section 5 / ICAO TI Section 4 / US 49 CFR 173.27**). Deviations from any part of this instruction may void the UN certification. Please consult 49 CFR for United States record retention requirement. If further information is required, contact ICC Compliance Center at 1-888-442-9628.

Disclaimer: Boxes sold on their own without relevant components do not meet the UN performance packaging requirements as they were tested. All boxes must be used with kit components to meet UN markings on outside of cartons.

Item	Description	Qty
BX-54E	Outer Box 10 ¼" x 10 ¼" x 12 ½"	1

Any glass, metal or plastic inner container(s) may be used if assembled in accordance with this instruction. Other items required to complete this packaging assembly supplied separately:

IN-54E	Corrugated Insert
MT-USPCGALH or MT-PCTL	Gallon or 5.3 L Paint Can with lid
RL-CJ7	Gallon Ringlok®
BI-BSS11	Liner Bag 7" x 24"
EK-letter	DOT-SP 10962 Exemption Letter
AB-VERM4	Vermiculite
PA-MSST4	#375, 48MM clear tape
BI-BSS12	Liner Bag
AB-AP6 and AB-AP2	Poly Pillow and Pouch

Important Information:

Each assembled package must not exceed a gross weight of	4.4kg / 9.7 lbs
The combined gross weight of inner containers must not exceed	3.2 kg / 7.4 lbs
Minimum Cushioning Distance Top/Bottom	3/8"
Minimum Cushioning Distance Side	3/4"
Torque the cap of the inner bottle according to manufacture instructions	



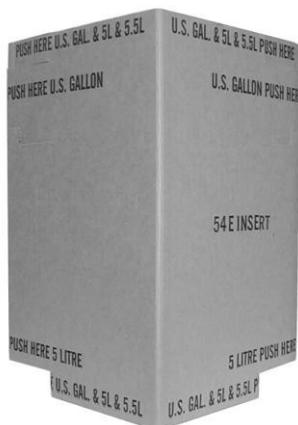
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Assembly:

1. Fold in bottom flaps of box. Folded flap-ends to form a ridge in center of box. Fold the other two flaps and secure center seam with one (1) strip of 3M #375, 48mm clear tape. Extend tape length beyond each edge by at least 2".
2. Assemble insert by pushing in appropriate bottom tabs, and place insert in box (in the form of a diamond). Place the insert on the center ridge of the outer box.
3. Do not completely fill inner container(s) with liquid. Allow sufficient ullage for liquid expansion. Tighten cap to specifications.
4. Place each inner container in a 4mil Barrier Bag and tightly knot bag closed if using vermiculite. If using the absorbent pouch, place bottle inside absorbent pouch and place combination in liner bag and then tightly knot bag closed.
5. If using loose vermiculite, make sure at least 3/8" of vermiculite is on the bottom of the can or if using the pouch option, place absorbent bag/bottle combination on bottom of can. Place inner container/bag assembly on the vermiculite on the bottom of the can. Make sure at least 3/4" of vermiculite surrounds each container.
6. Place at least 3/8" vermiculite over the top of the inner container, fill all void space with vermiculite (or place poly pillow on top if using pouch option). Using a paint can closer, secure lid on can and place Ringlok® on can/lid assembly. Make sure sealing ring snaps completely in place.
7. Place can assembly into corrugated insert and push insert-tabs to secure can.
8. Close top flaps of box and seal center seam as described above in step 1. Ensure that box flap-ends point down forming a ridge in center of insert.
9. Mark and label each package in accordance with the appropriate regulations. At least one (1) set of UN markings and two (2) orientation arrows must be shown on each package.



Bottom flap forms "ridge" in outer box

