

PK-ETALL 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.

Packaging components

Item	Description	Qty
BX-54E	Outer Box 10 ¼" x 10 ¼" x 12 ½"	1
IN-54E	Corrugated Insert	1
MT-PCTL	5.3L Paint Can with w/friction lid	1
RL-CJ7	Ringlok®	1
BI-BSS11	7" x 24" 4mil Barrier Bag	1
EK-letter	DOT-SP 10962 Exemption Letter	1



Other items required to complete this packaging assembly supplied separately:

Item Number	Description
PA-MSST4	3M #375, 48mm clear tape
AB-VERM4	Vermiculite absorbent/cushioning material. Use sufficient quantity of absorbent to absorb entire liquid contents. All void space must be filled.

Important Information:

Any glass, metal or plastic inner container(s) may be used when assembled in accordance with these instructions	
Each assembled package must not exceed a gross weight of	4.4kg/9.7lb
The combined gross weight of inner containers must not exceed	3.2 kg / 7.0lb
Cushioning Distance Above/Below	3/8"
Cushioning Distance around inner packaging and all void spaces	3/4"
Lid closure is to be even with top of can	



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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.
5. Using loose absorbent/cushioning, make sure at least 3/8" of vermiculite is on the bottom of the can. Place inner container/bag assembly on the vermiculite in the bottom of the can in an upright position. 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. 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

