



## PACKAGING AND SHIPPING GUIDE

# PART 11 — CLOSED CRATES

### NOTICE

The information contained in this document will in no way render the maritime transportation company responsible nor liable.

## GENERAL APPLICATIONS

Closed crates are used for a variety of packaging applications, including personal household effects, office supplies, certain types of furniture, building supplies and others.

The construction and specifications of a crate may vary, mainly depending on the type and weight of the cargo included. Thus, heavier crates should normally be built with heavier gauge materials for the floor, structure, walls and the choice of heavier metal strap gauge and size.

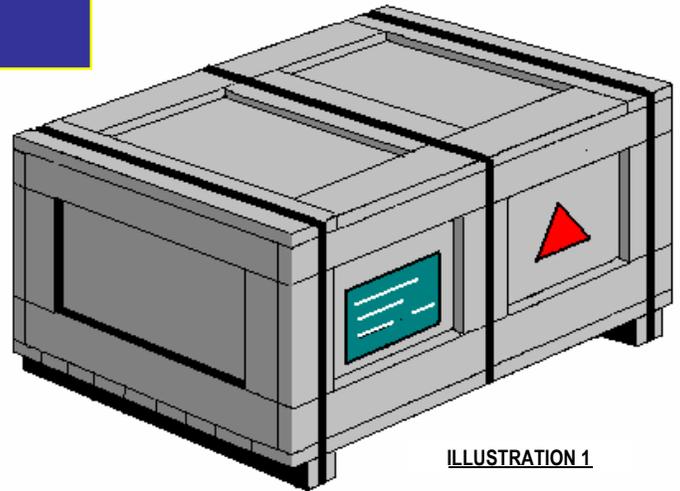


ILLUSTRATION 1

## COMPONENTS & SPECIFICATIONS

An acceptable standard closed crate (Cargo Unit) will include the illustrated features and the following components:

### A - STANDARD CLOSED CRATE:

- 1) **Floor:** Made of 2"X 4" or 2"x 6" fir or spruce studs, and 1/2" Plywood surface, and secured on 4" X 4" wood skids;
- 2) **Structure & Walls:** made with 1"X4" or 2"X3" spruce, and 3/8" plywood. The cover (lid) surface is enforced with wood pieces of the same type, to sustain the pressure of stacking;
- 3) **Fastening:** 1/2" metal straps are used as necessary. The nails used to assemble the crate must be of proper size and gauge;

### B - HEAVY-DUTY CLOSED CRATE:

- 1) **Floor:** Made sturdy of 2"x 6" wood pieces, or with 5/8" to 3/4" Plywood on studs, and secured on 4" X 4" wood skids;
- 2) **Structure & Walls:** made with 2"X4" or 2"X3" spruce, and 1/2" plywood. The cover (lid) surface is enforced with wood pieces of the same type, to sustain the pressure of stacking;
- 3) **Fastening:** 3/4" metal straps are used as necessary. The nails used to assemble the crate must be of proper size and gauge;

- 4) A Polyethylene liner or wrapping is deployed to protect contents inside the crate, from water infiltration and humidity;
- 5) A packing slip, including the listing of contents, should be enclosed in a plastic envelope and stuck on the front wall of the crate.

## LABELLING & SHIPPING

DESTINATION:	_____
CONSIGNEE:	_____
WEIGHT:	_____ Kg
VOLUME:	_____ M <sup>3</sup>
PROJECT:	_____

ILLUSTRATION 2

- 1) Self-adhesive shipping labels, or stencilling in dark ink on the plywood wall surfaces, must be applied on the front and back walls, listing the following information: destination, name of consignee, weight in kilograms, volume in cubic meters and name of project. (See ILLUSTRATION 2).
- 2) A label with the « Hazardous Materials » symbol must appear on the crate, identifying the type of Hazardous Material (dangerous goods) included therein, if such is the case. Shippers are to make sure that paperwork for dangerous goods is duly completed and delivered to the Carrier with the crate; otherwise, the shipment will be refused by the Carrier.
- 3) A 24-hour advanced notice is required for the receipt of shipments at the Carrier's terminal facilities. The Carrier cut-off dates must be respected at all times by shippers. All shipments to designated maritime shipping terminals must include a Shipping Notice, per destination and per consignee. Shipping Notice forms are available under our Web site: [www.arcticsealift.com](http://www.arcticsealift.com)