

OVERVIEW

BLOCKING AND BRACING

SECURING CLASS 7 RADIOACTIVE MATERIALS

Radiopharm packages must be secured while in transit, both on a **hand cart** and in the **driver's vehicle**. This is called Blocking and Bracing and this **MUST** be adhered to as directed in DOT CFR 49 177.842(d) when either situation applies. The actual regulation reads: *"Packages must be so blocked and braced that they cannot change position during conditions normally incident to transportation."*

During vehicle transportation, packages should not be able to move side to side, front to back and up, or down during normal operation. Eliminating movement of both the packages and/or any securing device used to place them in is within the spirit of the regulation.

During the loading and unloading process, a hand cart should be used with the shipments strapped or bound to the hand cart to minimize any chance of package damage. Packages should not be hand carried to eliminate unnecessary risks.

All Radiopharm packages noted as FULL, EMPTY or RETURNS must be Blocked and Braced.

Orientation arrows may not always be present on a Radiopharm package as they are not a requirement, but it is preferred to keep them upright with Blocking and Bracing.

Best practice would be to Block and Brace all HazMat packages in this same manner to eliminate unnecessary exposure

Transcompss offers a Blocking and Bracing kit that will maintain Radiopharm packages upright and stable during vehicle transportation at www.transcompssstraining.com.