

Safety Requirements for Transporting Chemicals between Rooms and Buildings

Chemicals in glass bottles must be placed in secondary containers made of non-breakable material when transported between rooms, within buildings or on campus. Should the original container leak or fail, the secondary containment will help avoid chemical spills. A spill in a public area can be liable to fines or legal action by the Ministry of the Environment. Bottle Tote Safety Carriers and Chemical Resistant Secondary Containment Bins are available for purchase from Chem Stores (also Fisher or VWR). **Other options must be chemical resistant and designed for safe transport of acids, alkalis, and solvents.**

Please Note: Do not transport regulated materials in a personal vehicle or by bicycle. Personal insurance may not provide coverage for incidents involving hazardous materials.

Bottle Tote Safety Carriers - designed for the safe transport of acids, alkalis, and solvents. Carry only one tote per person. If transporting two totes, two people are required, one person to open doors. Alternatively, a cart with containment bin can be used. The small carriers can accommodate 500mL or 1L bottles. The large carriers accommodate bottle sizes to 4L. Totes may be used indoors and outdoors



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Chemical Resistant Secondary Containment Totes - must be used as a means of containment when glass bottles containing chemicals are transported using a lab cart (recommend Rubbermaid 68.1L size). Do not use bins without a cart. Segregate incompatible chemicals by using separate containment bins or by transporting separately. Ensure the height of the bin is greater than ½ the height of the largest bottle. Use the containment bin with lid securely in place whenever possible.

Chemical Resistant Lab Carts - shelf cart can be purchased from a safety supply store. Other carts with a lip edge (minimum 1 inch or 2.5 cm high) may also be used and must be in good condition. (eg. Supplier Tenaquip, Rubbermaid cat# 450088 ergonomic model or equivalent; must have minimum 500 lb. capacity). The cart/bin combination is for indoor use only.



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Effective October 1, 2014
Without adequate secondary containment requirements,
Chem Stores will refuse sale