



C-IBC (Tote) Re-collection Programs

Schuetz | Mauser | Greif





Introduction

Product responsibility is very important at Covestro. From research and development to production, packaging, distribution, storage, use, re-use, and disposal, Covestro's product stewardship activities are designed to minimize risks throughout the life-cycle of its products. This approach fits well with the guidelines from the International Council of Chemical Associations (ICCA), of which Covestro is a member. The company also actively supports – and participates in – the Responsible Care® and Global Product Strategy (GPS) initiatives. These both aim to ensure that society continues to benefit from innovation, while health, safety and the environment are protected and sustained.

One important aspect of product stewardship is the appropriate management of empty containers that may contain residues of hazardous chemicals. **Covestro encourages customers to properly manage empty containers, including recycling/re-collection, which contributes to a more circular economy.** The information in this document focuses on one specific type of container known as a composite intermediate bulk container (C-IBC). C-IBCs are also referred to more simply as totes.

Covestro provides many products in C-IBCs. C-IBCs have an inner plastic container ("bottle"), an outer steel cage, and a steel or high density polyethylene (HDPE) pallet that serves as the base. The tote bottles are also made of HDPE. They are typically multi-layer, with virgin HDPE on the inside and recycled HDPE on the outside. The recycled HDPE typically comes directly from used tote bottles that are washed and reprocessed.

There are several organizations that take empty C-IBCs. These firms recondition the C-IBCs and then put them back on the market to be used again. Covestro encourages customers to use these programs as a responsible way to manage empty C-IBCs. Covestro is aware of three companies that offer such programs. The programs from Schuetz, Greif (EarthMinded), and Mauser Packaging Solutions are summarized in this document. Each of these companies has experience in judging the quality of tote cage and pallet components for reuse in transportation and/or storage of chemicals. They also have expertise in washing industrial chemicals such as isocyanates and polyols from totes and disposing of the waste properly.

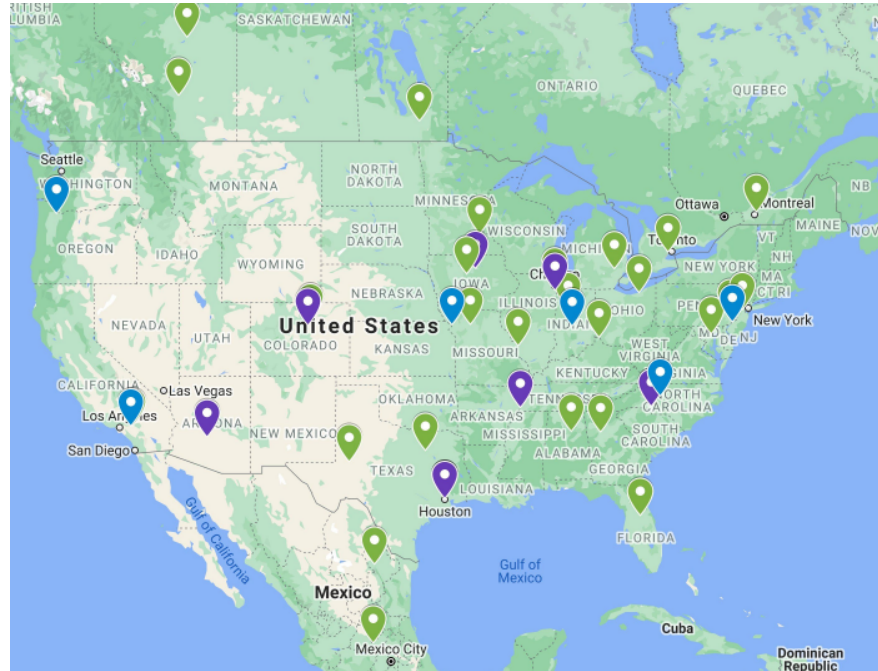
Tote Re-collection Programs Summary

Supplier:	Schuetz	Mauser	Greif
Who?	Schuetz Ticket Service 1-908-526-6161	Mauser Packaging Solutions 1-800-774-6956	EarthMinded 1-855-364-6333
What?	IBCs (8 minimum)	IBCs (10 minimum) / Poly Drum (100 minimum) Steel drum (Call)	IBCs (10 minimum) Steel Drum / Poly Drum (call)
How?	TICKET SERVICE PACKAGING SYSTEMS (schuetz-packaging.net)	Return Empty IBCs, Steel Drums, and Plastic Drums (mauserpackaging.com)	EarthMinded™
	<p>Collection Criteria</p> <ul style="list-style-type: none"> Minimal damage Safety Data Sheet (SDS) required Container must be compliant with Resource Conservation and Recovery Act (RCRA) definition of “empty”: RCRA Training Module: Introduction to Containers (40 CFR Parts 264/265, Subpart I; Section 261.7): September 2005 (epa.gov) 		
	Schuetz Collection Terms	Mauser Collection Terms	Greif Collection Terms
	Covestro Intermediate Bulk Container Program document		
When?	Pickup time depends on location and amount of packaging being collected.		
Cost?	Free	Free	Free
	Incentives for pickups may be agreed upon with supplier. *Fees or refusal to pick up can occur depending on packaging condition.		

Tote Collection Locations

Customer location should be considered when choosing which supplier to utilize for recollection.

[Map Of Tote Collection Locations](#)



 SCHEUTZ	 MAUSER	 GREIF
Portland, Oregon	Atlanta, Georgia	Cleveland, Ohio
	Baltimore, Maryland	Delphi, Indiana
Fontana, California	Brighton, Colorado	Houston, Texas
	Camden, New Jersey	Hutchins, Texas
St. Joseph, Missouri	Cannon Falls, Minnesota	North Wales, Pennsylvania
	Charlotte, North Carolina	San Bernardino, California
Houston, Texas	Chicago, Illinois	South Plainfield, New Jersey
	Chillicothe, Missouri	Springville, Alabama
Plainfield, Indiana	Cincinnati, Ohio	St. Louis Missouri
	Clarkston, Michigan	Webster City, Iowa
Lexington, North Carolina	Zellwood, Florida	Edmonton, AB
	Boucherville, QC	Mississauga, ON
Camden, New Jersey	Calgary, AB	Winnipeg, MB
	Monterrey, MX	Queretaro, MX
		Charlotte, North Carolina

Note that suppliers have established re-collection partnerships throughout North America (e.g., Mauser will take Schuetz totes, Schuetz will take Mauser totes, etc.).

If you would like further information, contact Eric Yeh in Covestro's Transport and Logistics Safety group at 412-413-2824 or eric.yeh@covestro.com.



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