Container Technology Offers a High Quality, Closed-System Container and Dip-tube for its Customers

Closed-System Chemical Dispensing Enhances Safety and Reduces Overall Operating Expenses

OPPORTUNITY

Ensuring the safety and integrity of container contents is an ongoing concern for chemical, pharmaceutical and other companies responsible for processing or handling liquid hazardous materials. When shipping liquids from location to location, it’s imperative that the containers remain tightly sealed and secure. Any leaks, seepage or vaporization can critically affect container contents and increase the potential for hazardous exposure.

Perhaps no one is more aware of these demands than Container Technology, Inc., a Santa Barbara, Calif.-based company whose primary business is ensuring that its customers have the highest-quality containers for hazardous chemical transport and end-user dispensing.

SOLUTION

Container Technology offers customers its own proprietary dip-tube to improve overall quality control and safety. While considering upgrade options for its dip-tube offering, it was approached by Colder Products Company, which was developing a revolutionary, closed-dispensing system called the DrumQuik® PRO.

The DrumQuik PRO system is comprised of two major components; a low-cost and recyclable drum insert assembly that integrates a bung closure and a dip-tube into a single unit. The dip-tube design provides efficient container emptying, minimizing chemical waste and ensuring easier post-use handling, clean-up, disposal and reuse of containers. The second component is a rugged, reusable quick-disconnect coupler (dispense head) that is installed at the point-of-use. The coupler incorporates an automatic shutoff valve that prevents chemical media from flowing when disconnected from the drum insert.

RESULTS

After evaluating the DrumQuik PRO system, Container Technology found that it met all of its performance, cost and safety criteria. The company offers the DrumQuik PRO to its customers as both a standalone component or as an integrated package into which it is pre-inserted into high-purity or general purpose drums and containers. Together, Container Technology and Colder Products understand that customers want to effectively manage containers’ contents and not struggle with how to get them in and out of a drum. A container that arrives at a plant with a dip-tube pre-inserted makes the transport and dispensing task a whole lot easier, not to mention safer for workers and the environment.

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