

## Technical Data

IBCs Containing Isocyanate



IBCs Containing Polyols

Nominal capacity:	275 gal.
Length:	48 in.
Width:	40in.
Height incl. pallet:	46 in.
Filling opening:	6 in.
Discharge opening:	2 in.
Weight approx.:	140 lbs.

Product Safety First



### Always Raising The Bar In Safe Handling And Storage Of Chemicals



Today, it's simply not enough to publicly commit to preventing pollution, improving process safety, fostering employee health and safety, providing product stewardship, and building positive relationships with plant neighbors and communities. A truly responsible company must lead by example. At Bayer, we've taken the initiative in advancing the science of the safe handling and storage of chemicals, both at our sites and at our customers' sites. We consider this continuous improvement effort Progressive Product Stewardship. And we call it our BayCare<sup>SM</sup> program.

Bayer Corporation Product Stewardship professionals continuously expand outreach programs for new and current customers, always "raising the bar" in the safe handling and storage of chemicals. Our multi-phased, comprehensive BayCare<sup>SM</sup> approach currently includes on-site visits to evaluate customers' facilities for unloading, storing, and handling bulk chemicals; to review unloading procedures and emergency response plans; to evaluate incident control capability, and to assess employee training programs. This initiative lauds excellent safety practices and benchmarks opportunities to help our customers elevate their procedures to "best industry practices."

Through both on-site awareness and instruction seminars and leave-behind BayCare<sup>SM</sup> Product Stewardship Program Manuals that are regularly updated through formal mailings, Bayer Corporation Product Stewards provide customers with detailed, customized instruction in the safe transfer, handling and disposal of our chemicals. They



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complement that instruction with clear, concise Material and Safety Data Sheets and printed materials detailing the safe handling and disposal of drums and Intermediate Bulk Containers.



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The manner in which you use and the purpose to which you put and utilize our products, technical assistance and information (whether verbal, written or by way of product evaluations), including any suggested formulations and recommendations are beyond our control. Therefore, it is imperative that you test our products, technical assistance and information to determine to your own satisfaction whether our products, technical assistance and information are suitable for your intended uses and applications. This application specific analysis must at least include testing to determine suitability from a technical as well as health, safety, and environmental standpoint. Such testing has not necessarily been done by us. Unless we otherwise agree in writing, all products are sold strictly pursuant to the terms of our standard conditions of sale which are available upon request. All information and technical assistance is given without warranty or guarantee and is subject to change without notice. It is expressly understood and agreed that you assume and hereby expressly release us from all liability, in tort, contract or otherwise, incurred in connection with the use of our products, technical assistance, and information. Any statement or recommendation not contained herein is unauthorized and shall not bind us. Nothing herein shall be construed as a recommendation to use any product in conflict with any claim of any patent relative to any material or its use. No license is implied or in fact granted under the claims of any patent.

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Product Safety First



### An Improved Intermediate Bulk Container Recycling Program...



Now **BETTER, SAFER...** and return shipping is **FREE!**

## Improved Intermediate Bulk Container Recycling Program Provides A Preventive Solution to Possible Raw Materials Cross-Feeding Problems

Bayer Corporation, in cooperation with Schuetz Container Systems, Inc., now offers you a way to prevent accidental cross-feeding of different Bayer polyurethane systems components supplied in identical Intermediate Bulk Containers (IBCs) manufactured by Schuetz.



IBCs that contain Bayer Corporation polyurethane systems components are now color-coded to prevent accidental cross feeding in the field. IBCs that contain Bayer isocyanates (left) are equipped with red corner protectors, red fill port caps, red dust covers and red discharge valve protector plates. IBCs that contain Bayer polyols sport blue corner protectors, blue fill port caps, blue dust covers and blue discharge valve protector plates (right).

### The Product Safety First Preventative Solution

As part of their ongoing Product Safety First progressive product stewardship program and their commitment to the principles of Responsible Care®, Bayer Product Stewards developed a solution to this potential problem. Their approach to solving the dilemma was two-fold:

- First, they developed a specific color-code to differentiate IBCs by content: blue for polyol containers; red for isocyanate containers.
- Second, they developed a redundant safety feature: a different discharge valve for isocyanate containers, and added redundant safety features in the form of warning hang tags and stickers.



IBCs that contain Bayer isocyanates now feature a 2-inch male butterfly discharge valve with a Kam-Lok® quick disconnect fitting consistent with standards proposed by the European Isocyanate Producers Association (ISOPA), and a red valve cap (left). IBCs that contain Bayer polyols now have a standard 2-inch NPT threaded male ball-valve discharge outlet and a blue valve cap (right).

The Product Stewards felt that the combination of color-coded containers, different discharge valve fittings and back-up warning devices would virtually eliminate the possibility of error when connecting feed lines.



Bayer provides redundant safety back up in the form of stickers and hang tags that warn handlers of the IBC's contents.



To learn more about Bayer's industry leading Product Safety First Progressive Product Stewardship Program, visit

[www.productsafetyfirst.bayer.com/](http://www.productsafetyfirst.bayer.com/)

Bayer offers you a recycling solution with the purchase of every IBC Bayer product. Our recycling program, offered through our cooperation with Schuetz, operates from Schuetz multiple production plants and service facilities located throughout the United States and Canada. This offers you unparalleled service.

### Schuetz' Global Container Recycling Solutions

*Breaking new ground in customer service*

As a manufacturer of transport and storage containers for hazardous liquids, Schuetz is especially aware of its environmental responsibility. As a result, Schuetz was the first IBC manufacturer to include a recycling solution with the purchase of every IBC. Each Schuetz IBC comes with a return recycling ticket. Schuetz was the first company to offer an IBC recycling service in North America. They began their North American Ticket Program in 1996.

*Here's how the Schuetz North American Ticket Program works:*

Each Schuetz IBC carries a North American Ticket® for your ease in returning the IBC. When the container is empty, review and complete the ticket to participate in the industry's premier return Logistics Program. Empty containers will be picked up free of charge within 5 working days after notifying Schuetz. The minimum pick up quantity is 8 units. The units must be in drip dry condition. The Schuetz bill of lading must be signed at the time of pick up.

*Use the easy-to-remember toll free number for assistance:*

**(888) SCHUETZ or (888) 724-8389.**

*Or fax the ticket to*

**(908) 595-9618 or (908) 595-9625.**

In Mexico, the minimum number of Schuetz IBC's required for free pick up is 20. They will be picked up within 10 working days. Please contact the Mexican Ticket Coordinator at 1-800-716-7156 or fax the ticket

to (011) 52-5-888-1412. If calling from outside Mexico, call — 877-315-7061.

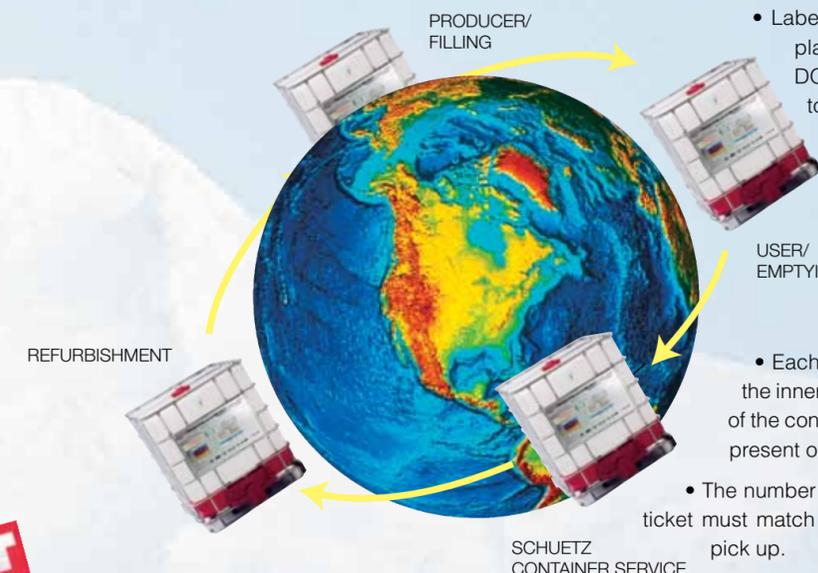
### Program Advantages

- FREE pick up within the continental USA, Mexico and Canada
- Pick up within 5 working days after notification in the continental US and continental Canada; within 10 working days after notification in Mexico
- Minimum pick up quantity is eight (8) units in the continental US and continental Canada; 20 in Mexico
- Easy-to-remember toll-free number in the US and Canada – 888-SCHUETZ
- No environmental concerns
- No container handling hassles



### The Schuetz Collection Checklist

- Each IBC must be completely empty, i.e., no residual heel, drip-dry (less than 1 inch), granule-free, and free of any solidified residue, both inside and outside of the container.



- Label plates and product labels must be in place. The appropriate hazardous UN or DOT markings and labels must be affixed to the container and placards must be available for transportation.

- Valves and/or other closures must be in place and operable. The DOT requires that all valves must be closed and secured for transportation, same as a filled container.

- Each IBC must be intact, i.e., no damage to the inner bottle, steel cage or other integral parts of the container. Also, no severe oxidation may be present on the steel cage.

- The number of the container indicated on the return ticket must match the number of the container ready for pick up.

- Complete all sections of the Return Ticket and fax it to a Schuetz Recycling Coordinator at (908) 595-9618. An MSDS of the last contained product may be required for first time pick up.

- A Bill of lading will be prepared by Schuetz and faxed back to the shipper. Shipper must sign and give to the Schuetz assigned carrier.

*Only Schuetz IBCs will be collected, unless you arrange otherwise.*



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