FILLING
The Chemtainer IBC is fitted with a filling aperture of 126mm diameter situated at the top center of the tank

OPTIONAL PRESSURE RELEASE
A specially designed vent for pressure relief and vacuum break is available as an optional extra.

TANK
Chemtainers are constructed in Medium-density UV stabilised polyethylene by means of rotational molding.

-also available in XLDPE
-Conductive MDPE for specialized applications

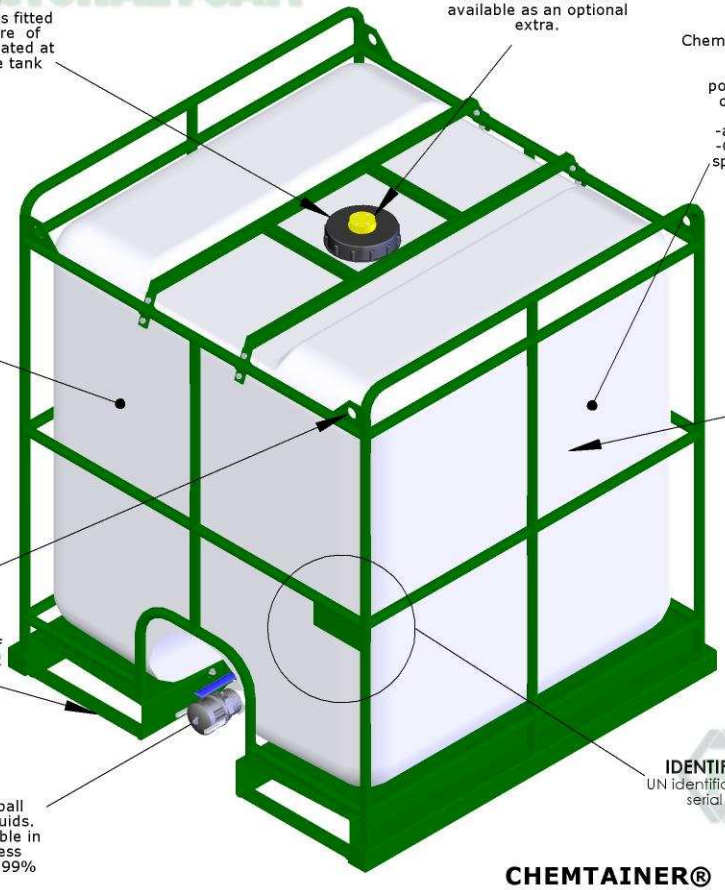
BRANDING
optional molded in company branding

STEEL FRAMES
mild steel frames are constructed from ∅25mm x2 round tubing. (1115x1130x1305) frames can be, galvanised and painted or painted in a companies corporate colour.

MOVING CHEMTAINER ®
The frame has top lift facilities and a pallet base of 3mm mild steel sheet with 2 fork entry points

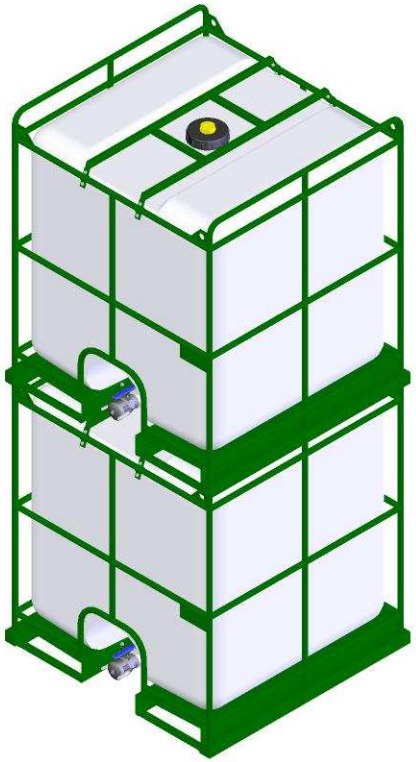
DRAINAGE
Tanks are fitted with a ball valve for discharge of liquids. The ball valves are available in polypropylene or stainless steel, all of which ensure 99% drainage.

IDENTIFICATION
UN identification plate & serial number



CHEMTAINER®
UN approval for hazardous or dangerous chemicals

The Chemtainer is UN approved (Accredited by a third party test facility) for the transportation of dangerous liquids.The test resulted in certification for Group 2 and Group 3 chemicals. The chemtainer has been designed for multiple trips and can be used for up to 5 years while still carrying the UN certification.



CHEMTAINER® STACKING ASSEMBLY
The chemtainer is designed for multiple, inter modal transport. These units stack 2 high when full and 3 high when empty

STAINLESS STEEL VALVE
Both valves comply with UN Standards for chemicals in Group 2 & 3.

POLYPROPYLENE VALVE
Both valves comply with UN Standards for chemicals in Group 2 & 3.

Level	Description	Zone	By	Date
O	Initial Release	None	DJJ	21.02.06
A	Material Update	D7	DJJ	08.03.06
B	Drawing and notes Updated	All	DJJ	28.04.06

OVER-ALL DIMENSIONS

TANK
MEDIUM DENSITY POLYETHYLENE TANK= **1050x 1050x 1130**
TANK WEIGHT=**35kg's**

FRAME
MILD STEEL FRAME (∅25x 2mm ROUND TUBE) = **1115x 1130x 1305**
FORK LIFT ENTRY POINTS=**2 ENTRY POINTS**
LIFT FACILITIES=**PRESENT**
FORK ENTRY HEIGHT=**97mm**

CONTAINERIZATION

	NO. OF UNITS	MAX CONTAINER LOAD
40' HC CONTAINER	= 40 UNITS	30.480 tons
40' CONTAINER	= 20 UNITS	30.480 tons
20' CONTAINER	= 20 UNITS	24.000 tons

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Product Testing

The following tests are carried out on our premises

-Every Chemtainer is tested Individually for leaks.

-Samples for ever batch of polymer received from our suppliers are frozen at -29˚C and subjected to high impact by a projectile dropped from a height of 4 meters. Under such conditions a faulty sample will become brittle and shatter on impact. As a number of our products find there way to sub-zero climates, it is essential that the possibility of failure is eliminated altogether. Only polymers which are 100% stable are used in production of chemtainers - certified for packaging of a 2 SG product

View latest UN certificate at www.kayroto.co.za

Refurbishment program

Kaymac Structural Foam offer a total backup service with complete refurbishment facilities for Chemtainers and mother units.Testing facilities at Kaymac will ensure the refurbished unit will leave the premises at the highest possible standard.

Chemical Compatibility- See compatibility Chart available at www.kayroto.co.za

Kaymac Structural Foam

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Drawn	D. Joubert	Material	MILD STEEL & MDPE
Date	21.02.06	Finish	AS PER ORDER
Tolerance	N/A	Colour	AS PER ORDER
Checked	C. Brown	TANK MASS	30kg's
Approved	-	FULL ASS. MASS	138kg's (EMPTY)
Dwg. Scale	1:50	Paper Size	A3

Remarks:

Title
Description : CHEMTAINER® SPECIFICATIONS

Change Level : B
Sheet 1 of 1

Drawing No. : CMO 204