

UN-DESIGN CERTIFICATION/RECERTIFICATION

File Number # 7-18

Original File # 12-08

This is to certify that the packaging: **05504CDUD23S**

TYPE: **55 Gallon Delcon OH**

PACKING GROUP II

Product Description								
Product Description			Height	Diameter	Product Weight (kg)			
55 Gallon Delcon OH			min.(± 6mm)	max.(± 6mm)				
Wall Thickness (±0.7mm)			888	587	Total Product Weight		11.65	
average	min.	max.			Body	9.50	Bung Lid	1.04
4.5	2.2	7.0			Plugs	0.07	Ring	1.04
Closure Part #			Gasket Part #	Gasket Composition	Torque (ft.lbs.)	Closure Description		
Plug 1	L16-WL(81630002)		81400014	EPDM	15-20	2" NPS HDPE Plug		
Plug 2	C34-AD(81630022)		C31EP-AD	EPDM	6 - 9	3/4" NPT Plug		
Lid	D21-N-F23(81680014)		N/A	URETHANE	N/A	21.5" Nat Bung Lid		
Ring	L22-18-P-TL-D1-L(80910012)		N/A	N/A	N/A	Delcon Leverlock Closing Ring		
Process - Blow Molding								
Resin Specifications								
Resin		Supplier		Part #	HLMI		Density	
80100001		Nova Chemicals		HB-W555-A	Value	Range	Value	
Color #	80200010	Color wt%	1.0%		N/A	4.0 - 6.0	N/A	0.953 - 0.956

UN CODE: 1H2

UN MARKING:



1H2/Y130/S/YR/USA/MXXXX

Manufacturer MAUSER USA,LLC:

M4232 Addison M4235 Woodlands M4602 Rancho Cucamonga

M4895-M5445 East Brunswick M5123 Charlotte

Tested to the following: 49 CFR § 178.601 (c)(2)

DROP TEST: (§178.603) From a height of **1.2 m (3.9 ft)** with six 6* samples at -18°C.

Test Liquid: 50% aqueous Propylene Glycol s.g. 1.05 ±0.02. Test Solid: sodium bicarbonate <0.05 mm+ HDPE < 3mm

*3 samples dropped on weakest diagonal orientation and 3 samples flat dropped along the parting seam

RESULTS: **PASS**

STACK TEST: (178.606) (c)(2)(ii) Applied a preload of 50 lbs. Compression speed of 0.5 ±0.25 inch per minute.

RESULTS: **PASS** DOT min. **463 Kg** Force Applied

Sample #	Load lbs.	Deflection
7	3218 Kg	1.0000 in.
8	3499 Kg	1.0000 in.
9	3082 Kg	1.0000 in.

VIBRATION TEST: (178.608) Simulated transport vibration for 1 hour on 3 samples

N/A **Hz**

RESULTS: **N/A**

CAPACITY: 215.66 Liters

OVERFLOW: 216.42 Liters

TIP OVER TEST (OH): **PASS**

Signature		Date	Signature		Date
<i>Darwin Wickes</i>		1/13/2018	<i>Darwin Wickes</i>		1/13/2018
Title	Manager-Technical Services	Title	Director Technology & Regulatory Affairs		

EXPIRATION DATE: 1/13/2019

