

**UN-DESIGN CERTIFICATION/ PERIODIC RETEST**

File Number # 15-19  
Original File# 44-98

This is to certify that the packaging: **015C-00UC1**

TYPE: **15 Gallon Commodity**

PACKING GROUP II

Drum Description								
Product Description		Height	Diameter	Product Weight (kg)				
15 Gallon Commodity		min.(± 6mm)	max.(± 6mm)	Total Product Weight		2.91		
Wall Thickness			667	360	Body		2.84	
average	min.	max.			Plugs	0.07	Handle/Pin	N/A
2.4	1.8	5.0			Ring	N/A		
Closure Part #		Gasket Part #	Gasket Composition		Torque (ft.lbs.)			
Plug 1	L16-WL(81630002)	81400014	EPDM		20			
Plug 2	C34-AD (81630002)	C31EP-AD	EPDM		6			
Process - Blow Molding								
Resin Specifications								
Resin		Supplier		Part #	HLMI		Density	
80100001		Nova Chemicals		HB-W555-A	Value	Range	Value	
Color #	L84(80200011)	Color wt%	1.0%		N/A	4.0 - 6.0	N/A	0.953 - 0.956

UN CODE: 1H1

UN MARKING:

1H1/Y1.8/100/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 **1.8 m (5.9 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**

**LEAK TEST: (178.604)(d)** Packaging **group II** test pressure **21 kPa** for 5 min on 3 samples

RESULTS: **PASS**

**HYDROSTATIC TEST: (178.605)** Using a pressure of > **100 kPa (14.50 psi)** for 30 minutes on 3 samples

RESULTS: **PASS**

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

RESULTS: **PASS** DOT min. **576** Force Applied

Sample #	Comp. Kg	Deflection in.
10	590	0.3750
11	590	0.3750
12	590	0.3750

**VIBRATION TEST: (178.608)** Simulated transport vibration for 1 hour on 3 samples **N/A** Hz

RESULTS: **N/A**

**CAPACITY:** 60.38 Liters

**OVERFLOW:** 60.87 Liters

**TIP OVER TEST (OH):** N/A



Signature	Date	Signature	Date
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**EXPIRATION DATE:** 1/10/2020