

**UN-DESIGN CERTIFICATION/ PERIODIC RETEST**

File Number # **04-17**  
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		3.17	
Wall Thickness			673	363	Body		3.13
average	min.	max.			Handle/Pin	N/A	
2.8	1.8	5.0	Plugs		0.04	Ring	
Closure Part #		Gasket Part #	Gasket Composition		Torque (ft.lbs.)		
Plug 1	L16-WL(81630002)	81400014	EPDM		20-25	2" NPS HDPE Plug	
Plug 2	C34-AD (81630022)	C31EP-AD	EPDM		6 - 9	3/4" NPS HDPE Plug	
Process - Blow Molding							
Resin Specifications							
Resin		Supplier		Part #	HLMI		Density
80100001		Exxon Mobil		HYA-021L	Value	Range	Value
Color #	L-84	Color wt%	1.0%		N/A	4.5 - 5.7	N/A

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**

Product Image



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 **20 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 inches per minute.

RESULTS: **PASS** DOT min. **589 Kg** Force Applied

Sample #	Comp. Kg	Deflection in.
10	1169	1 in.
11	1162	1 in.
12	1156	1 in.

**VIBRATION TEST: (178.608)** Simulated transport vibration for 1 hour on 3 samples at **3.2 CPS**

RESULTS: **PASS**

**CAPACITY:** 62.11 Liters

**OVERFLOW:** 62.75 Liters

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

Signature		Date	Signature		Date
<i>Darwin Wickes</i>		1/10/2017	<i>[Signature]</i>		1/10/2017
<b>Title</b>	Manager-Technical Services	<b>Title</b>	Director Technology & Regulatory Affairs		

**EXPIRATION DATE:** 1/10/2018