

UN-DESIGN CERTIFICATION/ PERIODIC RETEST

File Number # **35-21**
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)	3.10				
Wall Thickness			679	361	Total Product Weight			
average	min.	max.			Body	3.00	Handle/Pin	N/A
2.8	1.8	5.0			Plugs	0.1	Ring	N/A
Closure Part #		Gasket Part #	Gasket Composition		Torque (ft.lbs.)			
Plug 1	L16-WL(81630002)	81400014	EPDM		20	2" NPS HDPE Plug		
Plug 2	C34-AD (81630022)	C31EP-AD	EPDM		6	3/4" NPT HDPE Plug		
Process - Blow Molding								
Resin Specifications								
Resin			Part #	HLMI		Density		
High Density Polyethylene (HDPE)			80100001	Value	Range	Value	Range	
Color #	L-84	Color wt%		1.0%	N/A	4.5 - 5.7	N/A	0.952 - 0.955

UN CODE: **1H1**

UN MARKING:



1H1/Y1.8/100/YR/USA/MXXXX

Manufacturer MAUSER Packaging Solutions:

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 **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 50 lbs. Compression speed of 0.5 ± 0.25 inches per minute.

RESULTS: **PASS** DOT min. **571 kg** Force Applied

Sample #	Comp. Kg	Deflection in.
10	588	0.52
11	610	0.37
12	586	0.00

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

RESULTS: **N/A**

CAPACITY: **56.78** Liters

OVERFLOW: **61.78** Liters

TIP OVER TEST (OH): N/A

Signature	Date	Signature	Date
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Title	Manager-Technical Services	Title	Manager-Regulatory & Testing

EXPIRATION DATE: **1/4/2022**

Product Image

