



ISO 9001:2000
Certified Company

Zahabiya

DRUM LINING COMPOUND DMLC-030

Multi-Purpose Drums & Barrels Sealing Compound

Zahabiya DMLC-030 is a rubberised sealing compound, used in the fabrication of Metallic Drums & Barrels to prevent any possible leakage of the filled contents. It is a thixotropic dispersion of acrylic resin, synthetic rubber latex & other copolymers with balanced amount of plasticizers, preservatives, anti-oxidants which on perfect drying (curing) provides an Air-Tight double seam to the drums. The cured film of this compound is Non-Poisonous & Non-Rusting to metallic surfaces, provided used as supplied.

Suitable mostly for the round ends (top/bottom) of the drums & barrels meant for a variety of products including:

- 1 Common Solvents & Aliphatic Hydrocarbons.
- 1 Petrol, Diesel & Aviation Fuels.
- 1 Lubricating and Edible Oils.
- 1 Paints, Varnishes, Lacquers & Emulsions.
- 1 Pesticides and Insecticides.
- 1 Other Medium Corrosive Products.

This product is formulated only from raw materials that comply with the USA Food and Drug Administration (FDA) regulations, CFR Title 21 part 175.300 (b) (xxx) Resinous and Polymeric Coatings; Can End Cements (Sealing Compounds).

COLOUR:	Light Grey, Red. Optional colours available for bulk orders.
ODOUR:	Slightly ammoniac smell in liquid state. No remarkable smell on heat curing.
DENSITY:	1.35 kg/litre. [ASTM D1475]
NON-VOLATILE:	70% w/w on average. [ASTM D2369]
DRYING:	<u>Air Drying</u> ; however the film resistance properties greatly improve on stoving at 125 to 130°C for about 8-10 minutes, in a conveyor system air circulatory oven.
SERVICE TEMPERATURE:	Can be used between 6°C to 85°C the temperature being of the surface applied on.
BEHAVIOUR:	The properly cured film is soft and flexible, non-cracking, cold & hot water proof, fuel, oil, grease, solvents & other aliphatic & aromatic hydrocarbon resistant, resistant to dilute acid/ alkali, medium corrosive products, pesticides/insecticides etc.
APPLICATIONS:	Zahabiya Drum Lining Compound DMLC-030 is applied to the drum/ barrel's ends (top/bottom) by means of a smooth haired flat brush or most properly by pressure operated lining machine with a pre-selected size nozzle depending on the area and thickness of the sealant film required. When applied by brush manually, the selection of the size of the brush depends upon the width of the channel of top/bottom to be lined up, usually ranging ½" to 1" broad, depending on the size of drum/barrel being fabricated. The compound applied on top/bottom ends must be dried by stoving and preferably seasoned for 24 hours.
DILUENT:	<u>Strain the compound before use</u> , especially when to be used through pressure activated lining compound machine. The drum lining compound is thixotropic and must be vigorously agitated before use to ensure the proper mixing of the ingredients throughout. of the diluent, by weight.
SAFETY:	Avoid Dilution. If the compound is found too thick for application, add distilled water and mix it uniformly. Avoid the dilution by more than 3%.
STORAGE/ SHELF-LIFE:	Non-Flammable, Safe in Handling, Non-Rusting, Non-Toxic and perfectly Safe for edible products. A "Human Friendly/ Environmentally Acceptable Product".
	To be stored in air tight, secured capped containers, at well ventilated place; away from heat & sun, preferably between 25°C to 30°C. Use within <u>one year</u> from the supply date to ensure best results. As the product is THIXOTROPIC, must be mixed thoroughly before each usage.

IMPORTANT NOTICE:

The Information & Data contained herein are correct to the best of our knowledge, tests and experience. These are presented in good faith to the users. The recommendations and suggestions mentioned are made without guarantees or representations as to the results. The Consumer should satisfy himself as to the suitability of the product for the intended purpose and use. WE ASSUME; NO LIABILITY for damages of any kind and the user accepts the product 'as is' and without any other warranties, expressed or implied. Our warranty is limited to the replacement of so proved defective Zahabiya original product only, provided used within shelf life as supplied originally.

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