



ISO 9001:2008  
Certified Company

# Zahabiya

## BARO'SOL COMPOUND VC-804

### PVC Plastisol Based Drum Sealing Compound

Zahabiya BARO'SOL COMPOUND VC-804 is Vinyl Resin based, heat curing one component sealing compound, used in the fabrication of Metallic Drums/ Barrels having metallic top/bottom ends to provide a soft seal/gasket between two metal contacts to prevent any possible leakage of the contents. VC-804 on heat curing provides a smooth, uniform, flexible, air-tight double seam, which is non-corrosive & non-rusting to metal sheet, provided used as supplied. The product is perfectly safe in handling.

Suitable mostly for the drums / barrels made to fill a variety of products e.g.

- |                                 |                                |
|---------------------------------|--------------------------------|
| 1 Petrol, Kerosene, Jet Fuel.   | 1 Pesticides and Insecticides. |
| 1 Paints, Varnishes & Lacquers. | 1 Other Corrosive Products.    |
| 1 Lubricating Oils & Greases.   |                                |

COLOUR:

Grey & Off White. Optional colours available for bulk orders.

ODOUR:

Free from unpleasant odour. No remarkable smell on heat curing.

CONSISTENCY:

High viscosity liquid with good flowing properties.

DENSITY:

1.20 - 1.25 kg/litre. [ASTM D1475]

NON-VOLATILE:

98% w/w. [ASTM D2369]

CURING:

The product cures only after application of constant heat. Recommended to be cured in an air circulatory oven, at temperatures ranging between 175°C to 185°C, for 10 to 15 minutes. For best results, carefully adjust the curing time according to the stoving system, volume/ size of the flange/ metallic end, and thickness of the gasket required. The gelation temperature is proportionate to the stoving time and thickness of the compound poured-in.

SEASONING:

Use lined ends, after minimum 12 hours room temperature storage before fabrication.

BEHAVIOUR:

The properly cured gasket seal is soft and flexible, non-cracking, non-rusting, cold & hot water proof, fuel, oil & solvent proof, resistant to acid/alkali, corrosive products, pesticides/insecticides.

DILUENT:

Use white spirit (SMT) if unavoidable. However, diluent must not exceed 3% by weight for better gasket formation.

APPLICATIONS:

In the production of metallic drums/barrels, metallic ends are lined with this plastisol based sealing compound by Nozzle lining machine or manually by smooth brush. Applied as Nozzle Lining Compound, by means of a pressure controlled lining machine, through a pre-selected size nozzle, on to the top or bottom flange of the drums. The application and the layer thickness of the compound applied is controlled by the air pressure setting gauge. EVERY CARE should be taken to ensure that the entire lining system likely to come in contact with the compound is completely dry because presence of water/moisture tend to have detrimental effects on the properties of the compound.

PREFERABLY strain the compound before pouring in the reservoir. As the compound is THIXOTROPIC, it must be slowly agitated before use, to ensure uniform mixing of all the ingredients throughout. Keep airtight in the original container after every use. Also ensure that the surface applied on is perfectly cleaned, degreased and dried to get the best results.

SAFETY:

Safe in Handling, Non-Corrosive, Non-Toxic. Non-Flammable in liquid as well as cured form.

SHELF LIFE:

Normally usable for 12 months on proper storage; between 25°C to 30°C. As the material is thixotropic, the viscosity may increase on long storage. If viscosity increases on storage, add diluent and mix very slowly, use after 2 hours. Store in well ventilated place away from direct sunlight.

#### 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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