



ISO 9001:2008
Certified Company

Zahabiya

TWIST-OFF CAP COMPOUND VC-808

PVC Plastisol Based Gasket Compound

Zahabiya TWIST OFF CAP COMPOUND VC-808 is Vinyl Resin based, phthalate-free, heat curing one component gasket compound, used in the application of Twist Off Caps and other metallic caps to provide a soft seal/gasket to seal air tight to prevent any possible leakage/seepage of the contents. It is a liquid gaskety material, on heat curing provides a smooth, uniform, flexible, air-tight, leakage proof seal (gasket) at caps applied in. The product is non-corrosive & non-rusting to Tin Plate/ TFS and other such metals, provided used as supplied. The product is perfectly safe in handling.

Suitable specifically for the Caps/Lids used to close glass bottles/jars for a wide range of food products. VC-808 is Phthalate Plasticizers free and perfectly safe for food contact.

COLOUR:	White/ Greyish White.
ODOUR:	Free from unpleasant odour. No remarkable smell on heat curing.
CONSISTENCY:	High viscosity liquid with good flowing properties.
DENSITY:	1.10 - 1.15 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, size of the cap and thickness of the gasket required. The gelation temperature is proportionate to the stoving time and thickness of the compound poured-in.
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 etc.
DILUENT:	Use white spirit (SMT) if unavoidable. However, diluent must not exceed 2% by weight for better gasket formation.
APPLICATIONS:	This plastisol based sealing compound is applied by pressure actuated Nozzle lining machine, through a pre-selected size nozzle, at the required position on the cap or the lid. 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 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 product 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, 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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Rev: 02 December 2010