

PRODUCT DATA



- 1084 – BARO'PLAST COMPOUND

(PLASTISOL SEALING COMPOUND FOR METALLIC DRUMS/BARRELS)

INTRODUCTION

 **-1084 BARO'PLAST COMPOUND** is a VINYL and other essential resins based heat curing compound formulated for use during fabrication of metallic drums/barrels for General & Sanitary purposes. It is a viscous, high solids, self leveling & free flowing liquid material which on perfect drying is designed to provide an air tight double seam in the shape of soft seal/gasket within the top and bottom seams, to prevent leakage/seepage of the products packed in. The dried (cured) film/gasket is non-toxic, non-poisonous, non-flammable and non-rusting to tinplate & TFS and perfectly safe in handling both in liquid and dry state. The drums/barrels made from **Baro'plast** is most suitable to be used for packing of a wide range of products e.g. **general & processed foods, pulps, juices, syrups, pharmaceuticals, paints, varnishes, lacquers, thinners, solvents, edible/lubricant oils, fuels, pesticides/insecticides, corrosive, technical & aggressive products.**

APPLICATION

 **-1084 BARO'PLAST COMPOUND** can be applied through Nozzle Lining Machine, Die Lining Machine or Nozzle tipped container and cured on hot plate or in an air circulatory oven between 150 °C to 190 °C for 6 to 15 minutes depending upon the thickness of the layer/film. In order to obtain best results it is advisable to use vinyl resin based primer/clear lacquer for adequate bond with tinplate/TFS/MS sheets. However, when applied on bare surface it is better to set the seaming chuck plate & first operation roller pressure loose so that the dried compound gasket does not extrude out of the seam due to chuck plate pressure. The surface to be applied should be clean, dry and free from dust, dirt, oil and grease.

SPECIFICATIONS

COLOR

Grey & White. Other colors on demand.

SPECIFIC GRAVITY/SOLID CONTENTS

1.20⁰ ±2 Baum´ (ASTM D-1644) Solids 70%±1 W/V

CURING/SEASONING

Heat cure between 150 °C to 190 °C for 6 to 15 minutes and use after 8 hours seasoning.

COVERAGE

70 Sq.Ft./Kg. on flat metallic surface by roller.

BEHAVIOUR/SAFETY

- Fully cured soft gaskety seal is flexible, non-cracking, non-rusting to metal, hot & cold water, edible/lube oils, fuels & solvents proof, resistant to acids, alkalies, insecticides/pesticides, corrosive, such other aggressive & technical products.
- **Safe for edible products both for general line and sanitary cans.**

- Perfectly **safe in handling & to body contact** being non-toxic, non-corrosive & non-flammable in both liquid & dried state.

DILUENT/CLEANER

White Spirit (S.M.T.) or D.O.P. Max. dilution 3%.

STORAGE/SHELF LIFE

Store in well ventilated cool atmosphere, in air tight container away from direct/indirect heat/ sun. Use within two years from the date of manufacturing. The product is thixo-tropic in nature, prolong storage may increase viscosity, in such case add diluent & mix very slowly and use at least after eight hours.

PACKING

Available in 35 Kgs. Plastic/Metal containers. Smaller/larger packs available on demand

DELIVERY

Prompt from ready stock.

Important Notice:

The information submitted in this leaflet is based on our current knowledge and experience. In view of the many factors that may affect processing and application, these data do not relieve processors from the responsibility of carrying out their own tests and experiments; neither do they imply any legally binding assurance of certain properties or of suitability for a specific purpose. It is the responsibility of those to whom we supply our products to ensure that any proprietary rights and existing laws and legislations are observed.