




PRODUCT DATA

- DIE SEALING COMPOUND (-1021 STANDARD/ -1022 SPECIAL)

INTRODUCTION

 - **DIE SEALING COMPOUND** is a Rubber Latex based product formulated for sealing of oblong/rectangular tin/metal cans. When applied on to can bottoms/tops by Die Lining Machine and fully cured in the room temperature or in an air circulatory oven provides an airtight gasket within the top and bottom seams preventing leakage/seepage of the products filled in. In order to give the users a better choice and understanding depending upon the utilities and economic aspects, there are two grades available, as characterized below:-

 -1021 STANDARD	 -1022 SPECIAL
PAINTS, VARNISHES, LACQUORS, EMULSIONS, EDIBLE AND LUBRICATING OILS; AND GENERAL FOOD PRODUCTS	FOOD, MILK, JAMS/JELLIES, SYRUPY/JUICY HOT FILLED AND COOKED FOOD PRODUCTS, INSECTICIDES/PESTICIDES AND OTHER TECHNICAL PRODUCTS

SPECIFICATIONS

COLOR


Grey, White & Red. Other colors on demand.


ODOR

Ammoniac in wet state. No remarkable smell on curing.

SPECIFIC GRAVITY/SOLID CONTENTS

Specific Gravity 1.18 Baum e' at 20 °C. Total solids W/V:

 - 1021 - 46% &

 - 1022 - 48%. (ASTM C-771)

DRYING

At room temperature for 48 hours. However, film properties greatly improve upon drying in an air circulatory oven for 5-8 minutes at 100-120 °C and on heating plate for 2-3 minutes. (ASTM D-1640)

COVERAGE

80 Sq. ft. on tinplate/metal surface, if applied by brush.

APPLICATION

Applied through a proper lining machine and dried/cured in normal room temperature or in an air circulatory oven. While applying care should be taken to make sure that the tops/bottoms are dry and free from oil/grease. Also ensure that the vessel/storage tank and all other components of the lining machine such as pipes, valves, nozzles etc. coming in contact directly with the compound are made of plastic, iron or stainless steel. Use of Copper, Brass, Aluminum or Galvanized metals must be avoided as they tend to give harmful effects on the properties of compound.

DILUENT/CLEANER

Distilled water or liquor ammonia (15-20% strength). If most essential dilute up to 5% only.

BEHAVIOUR/SAFETY

- The dried film is water & oil proof, resistant to weather, hydrocarbons, greases; flexible & non-cracking.
- Non-toxic, non-flammable, non-corrosive and non-fungal. Safe in handling & to body contact. If inhaled give plenty of water. (ASTM D-3278)

STORAGE/SHELF LIFE

12 months when stored in air tight container at 25 °C.

PACKING

30/35 Kg. Plastic Can & 160/200 Kg. Plastic/Metal Drums.

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.