

PRODUCT DATA



- 2040 SEALING COMPOUND

(AUTO FILTER ELEMENT ADHESIVE SEALANT, PROTECTIVE COATING & SOUND DEADENING COMPOUND)

INTRODUCTION

FAME™ - 2040 SEALING COMPOUND is a thick pasty product blend of Polymers, Resins and Rubber inheriting excellent water & oil proofing properties designed to adhere to numerous substrates such as metals, plastics, polystyrene, wood, ceramic, cement plaster, concrete, masonry, stone, marble etc. The product is air drying, however when cured on heat the properties greatly enhance in composite assemblies in engineering, automobile and automotive filters manufacturing to bond paper star with metal ends. When perfectly dried the seal/layer so obtained is tough but flexible, water & oil proof, non-cracking, vapor barrier, saline/salty, sub-soil water, dilute acids & alkali resistant. It is a perfect corrosion protective coating for exposed metals.

TECHNICAL DATA

- Color : Grey/White/Black/Yellow. Other color on bulk orders.
- Odor : Ammoniac in liquid state. No remarkable smell on curing.
- Solid Content : 70% ± 1% W/V (ASTM D-2507 & ASTM D-1475)
- Flash Point : Non-flammable.
- UV Resistance : 10,000 hours (no affect)
- Peel Adhesion : 60 lb/inch²
- Viscosity : 1.30 Baume' at 20 °C
- Service Temp. : 5 °C to 80 °C
- Temp. Resistance : Safe between 0 to 165 °C constant.
- Coverage : 30-40 Ft.² by Brush/Roller.

DRYING

At room temperature in 48 hours. Film properties greatly improve upon baking at 120-130 °C for 6 minutes in an air circulatory oven. (ASTM D-1640)

DILUENT/CLEANER

Normal potable water up to 5%, if most essential. Can be cleaned with water while wet. Dried film can be de-bonded with S.M.T.(White Spirit) or Methylated Spirit.

APPLICATION

Through brush, roller or mechanical dispenser.

STORAGE/SHELF LIFE

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

USAGES

- **HVACR AND ENGINEERING SECTOR:**
 - ⇒ ADHESIVE SEALANT FOR JOINING TWO SURFACES.
 - ⇒ RUST/CORROSION PROTECTIVE SEAMLESS INSULATION COATING (MINIMUM 2 COATS) ON METALLIC PIPES/STRUCTURES FOR EXPOSED TO WEATHER & U/G APPLICATIONS.
- **AUTOMOBILE INDUSTRY:**
 - ⇒ AS SOUND DEADENING COATING OVER METAL SURFACES AND JOINTS.
 - ⇒ AS ANTI-RUST AND PROTECTIVE COATING FROM ATMOSPHERIC CONDITIONS OVER METAL SURFACE & VEHICLE UNDER BODY.
 - ⇒ FOR PASTING OF VINYL TILES/ FLOORINGS.
 - ⇒ PASTING OF INTERIOR/CEILING VINYL AND FABRIC INSULATION.
- **AUTOMOTIVE FILTERS MANUFACTURING:**
 - ⇒ AS PAPER TO PAPER & PAPER TO METAL ADHESIVE SEALANT.
- **CIVIL CONSTRUCTION:**
 - ⇒ FIXING OF CERAMIC, PORCELENE & PVC TILES/FLOORINGS ELIMINATING USE OF CEMENT/MORTAR MIXTURE PROVIDING NEAT & CLEAN AND DUST FREE ENVIRONMENT.

Note: Modified grade may be asked for areas subjected to extreme conditions such as dyeing unit, kitchen, laboratories, auto-service stations, chemical units etc.

WATER VAPOR PERMEANCE

For perfectly dried two uniformly thick coats (0.04") with 8 Oz. Canvas cloth sandwiched in between : 0.90 perm. Water vapor transmission through 1" thick impermeable insulation with 1/8" joints of sealing compound negligible to be recorded. (ASTM E-398)

BEHAVIOUR/SAFETY

The dried (baked/cured) film or gaskety seal is flexible & non-cracking, vapor barrier, water & oil proof, diesel/ dilute acid/alkali U/V & weather resistant. Non-toxic, non-flammable, non-fungal & non-corrosive. **Perfectly safe in handling.** (ASTM D-3278)

PACKING & DELIVERY

1 kg. Jar, 4.5 and 18 kg. Plastic Buckets 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.

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