



**Zahabiya Chemical Industries**

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## PRODUCT DATA

### **Zahabiya Sound Deadening Compound - ZSD 805 (Plastisol Based Compound)**

#### **INTRODUCTION:**

Zahabiya Sound Deadening Compound ZSD 805 (Plastisol Based Compound) is a heat curing one component P.V.C. based moulding compound, thixotropic in nature, especially formulated to form thick insulating gasket on proper curing. This product is characterised by a high gelation rate and minimum settling at low viscosities. This compound dries up or cures only after heat treatment to give a textured, flexible gaskety seal of permanent nature, unaffected by atmospheric variations & normal wear and tear and abrasion resistance. The product is safe in handling, non-corrosive, non-staining when cured, being non-flammable in liquid or solid state.

This is a ready made undercoat sealer mainly used during the **assembly of automobiles** in the form of **sealing coats which are moulded on to the underneath metallic surfaces exposed** to atmospheric wear and tear, exhibiting excellent water, lube and fuel/oil resistance.

#### **COLOUR**

Available in black colour normally. Other colours available on bulk orders.

#### **ODOUR**

Free from unpleasant odour.

#### **CONSISTENCY**

High viscosity pasty compound.

#### **SPECIFIC GRAVITY**

Normally ranges between 1.55° to 1.60° Baum'; recorded after 48 hours of manufacturing.

#### **INFLAMMABILITY**

Non-flammable, in liquid or cured form.

#### **APPLICATION**

Applied through Air Pressure activation equipment or manually by brush.

#### **GELATION**

The gelation temperature is proportionate to the stoving time and thickness of the applied coat, but normally ranges between 160° to 180°C.

#### **CURING**

Does not dry at room temperature even for month's exposure. The product cures completely after the application of constant heat above 160°C for minimum 10 minutes. Recommended to be cured in an air circulatory oven, for proper gelation between the temperature ranging 160° to 180°C depending on the volume applied. For best results carefully adjust the curing time according to the stoving system and the thickness of the gaskety coat required.

#### **BEHAVIOUR**

The product is non-magnetic and free from radio activity, safe in handling, non-toxic & non-corrosive. The properly stoved/cured compound gaskety seal is soft and flexible, non-cracking, non-rusting to metal, cold & hot water proof, vapour barrier, fuels, oil & solvent proof, resistant to acids & alkalies, resistant to u/v light and bad conductor of electricity (insulant in nature).

#### **SHELF LIFE**

Normally usable for one year on proper storage; between 25°-30° C. As the material is thixo-tropic, the viscosity may increase on long storage. This will not deteriorate the properties of the compound, in general if viscosity increases on storage, add diluent and mix very slowly and use after 10 hours. Store in well ventilated/cool place.

#### **DILUENT/CLEANER**

Use white spirit (S.M.T) or D.O.P.