

**Subject: Test Report of Zahabiya Sealing Paste Soft Seal-Special ZSP-1191.**

1. **COLOR** : ZSP-1191 is *SKY GREY* in color.
2. **ODOUR** : ZSP-1191 has *UN PLEASANT* (Peculiar to Turpentine) smell, Dried film is Odour less.
3. **SOLUBILITY** : Water was found as best Diluent (Solvent) for ZSP-1191.
4. **FLAME TEST** : The sample burnt with red flame, giving black smoke.
5. **SKIN TEST** : No adverse reaction. (Satisfactory).
6. **VOLATILE CONTENTS** : The Volatile contents found 32 % (w/w).
7. **DENSITY** : Density of the sample was found 0.926 gm/ml.
8. **SPECIFIC GRAVITY** : 0.920 at 23oC – 28oC.
9. **DRYING TIME** :
  - A. Surface drying : 10 – 12 min.
  - B. Hard drying : 15 – 20 min.
  - C. Tack free drying : 35 – 40 min.
10. **PHYSIO-CHEMICAL BEHAVIOUR** :
  - A. Resistance to mild acids : No Rusting, No bubbling.
  - B. Resistance to mild alkali : No bubbling, No Rusting.
  - C. Resistance to Humidity : No Rusting and Bubbling.
  - D. Resistance to Salt spray : No blister, No rusting.
11. **ADHESION** : 100 %.
12. **CONSISTENCE/PENETRATION** : 27.5 mm. (Wt. 100gm, 5 Sec, at 25oC).
13. **SPRAYING PROPERTY** : To thick to spray without diluent
14. **FLEXIBILITY** : (Benting at 180o by using conical mandrel, 25oC)  
No Cracking.

15. BRUSHING CHARACTERISTICS : Very thick cannot be brushed.

OPINION :

Zahabiya Sealing Paste Soft Seal-Special ZSP-1191, is flexible, sealing adhesive in pre-mixed emulsion state, having bad odour. This product is safe, non-flammable, non-toxic and Non-Hazardous in handling. It increases the strength and resistance against mild acids, mild alkalis and Humid conditions.



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