


**Subject: Test Report of Zahabiya Sealing Gum
ZSG-12/99.**

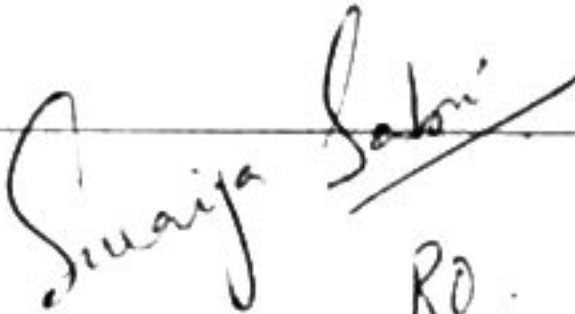
1. **COLOR** : ZSG-12/99 is *SKY GREY* in color.
2. **ODOUR** : ZSG-12/99 is odour less.
3. **SOLUBILITY** : **Acetone** was found as best Diluent for ZSG-12/99.
4. **FLAME TEST** : The sample burnt with red flame, giving out black smoke.
5. **SKIN TEST** : No adverse reaction. (Satisfactory).
6. **VOLATILE CONTENTS** : The Volatile contents found 0.83 % (w/w).
7. **DENSITY** : Density of the sample was found 1.5735 gm/ml.
8. **SPECIFIC GRAVITY** : 1.5608 at 23oC – 28oC.
9. **PHYSIO-CHEMICAL BEHAVIOUR** :
Resistance to Salt spray : No blister. No rusting
10. **ADHESION** : 90 %.
11. **CONCISISTENCY** : 6.9 mm (Wt. 100gms, 5 sec, at 25oC).
12. **SPRAYING PROPERTY**: Too thick to spray.
13. **FLEXIBILITY**: (Benting at 180oC by using conical mandrel, 25oC).
No cracking.
14. **BRUSHING CHARACTERISTICS**: Very thick, cannot be brushed without dilution.

OPINION:

Zahabiya Sealing Gum ZSG-12/99, is a flexible, sealing adhesive in pre-mixed emulsion state, odour less, safe, non flexible and non Hazardous in handling.

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