

## **HEMACOL SH**

### **SYNTHETIC RESIN ADHESIVE**

### **THE ADHESIVE WITH MUSCLES**

#### **THIS IS 'HEMACOL-SH'**

**HEMACOL SH** is a synthetic adhesive based on a internationally accepted formulation developed after years of research. It is milky - white viscous paste, ready for use. A non-inflammable and no-staining adhesives, it can be stored in a cool place for about a year, if the lid is properly closed. This type of adhesive has a tendency to form a film if kept open for a long time. This film should be removed before use.

#### **COVERAGE**

HEMACOL-SH gives a large coverage. If desired, it can be thinned by adding water and can also be extended with normal fillers such as chalk light spar and alabaster, for best result.

#### **HOW TO APPLY HEMACOL-SH**

**HEMACOL-SH** can be applied by brush, spreader, roller or spatula.



## APPLICATIONS

**HEMACOL-SH** is a widely used adhesive with innumerable applications, depending upon the creativity of the user. The major applications of **HEMACOL-SH** are :

1. Lamination of plastic decorative sheet of wood
2. Furniture jointing
3. Veneer to wood jointing
4. Block gluing
5. Joint gluing
6. Pottle labeling and packing
7. Carton labeling and packing
8. Wall paper fixing
9. Thermocole insulation fixing
10. Book binding
11. TV and Radio cabinet making
12. Sports goods
13. Handicrafts
14. Toys
15. Similar uses
16. Sand-TEX

**HEMACOL-SH** sticks when its water content evaporates. Thus it can be used practically for any application when any or both surfaces are porous, such as paper, wood, cloth, board, thermocole, etc.

## HOW TO USE HEMACOL-SH

Always stir **HEMACOL-SH** before use.

Clean the surfaces to be bonded together.



Apply a thin coat of HEMACOL -SH on one surface or if required both surfaces.

Place the pieces together and keep them pressed till the adhesive dries fully. The adhesive takes about 6 to 8 hours for drying.

### **PACKING**

HEMACOL-SH is available in 1 kg, 5 kgs, 10 kgs, 20 kgs, 30 kgs, 50 kgs, and 220 kgs packings.

### **PRODUCT DATA**

- |   |  |
|---|--|
| 1. Chemical nature                        | : Plasticized Polyvinyl Acetate dispersion |
| 2. Appearance                             | : Free flowing, milky viscous emulsion     |
| 3. Solids                                 | : 45 + - 1                                 |
| 4. PH                                     | : 6.5 to 7.5                               |
| 5. PH stability                           | : 2 to 10                                  |
| 6. Viscosity                              | : 300 – 400 poise                          |
| (Brookfield viscometer<br>Sp.No.7.20 RPM) |  |
| 7. Film properties                        | : Clear,tack free hard and tough           |
| 8. Electrolyte stability                  | : Excellent                                |
| 9. Mechanical stability                   | : Excellent                                |
| 10. Surface Tension(dynes/CM)             | : 40 + 1                                   |
| 11. Particle size                         | : 0.3 – 2.0 Micron                         |
| 12. Specific gravity                      | : 1.06                                     |
| 13. Shelf Life                            | : 6 months                                 |

**NOTE :** The information given in this technical bulletin is based on data believed to be reliable and is given in good faith. We do not guarantee the results to be obtained nor we assure any liability in this respect.