

## PRODUCT DESCRIPTION

SAAF Wood Adhesive 92-0302 is PVA based, non-toxic, non-flammable and quick setting white synthetic resin adhesive and when bonded gives a high tensile strength. Moreover, It gives a high quality transparent film upon drying.

## FEATURES AND BENEFITS

- Applied easily by brush or roller
- Gives a Transparent Film upon drying
- No fillers are added
- No VOC, nonhazardous & non flammable
- Excellent bonding and adhesion strength
- Has long open time and good wet tack

## APPLICATION TOOLS

Brush, Roller or any suitable applicator.

## RECOMMENDED USES

- It is specially developed for wood fitting demands, bonding of Tenors & Dowels of chairs, where a quick setting is required
- For joints, assembly & nail gluing as well as for sub floor gluing
- For veneering in cold or hot press, it gives a joint with very low wearing on cutting & planning tools
- Bonding of house furniture, tables, paper, cartons & wallpaper
- Fitting of protection cardboard for gypsum plasters, assembly of aluminum foils to polyurethane foam in air-conditioning systems
- It is compatible with wide range of wood like veneer, block board, hard board, chipboard & fiberboard
- Bonding of heat insulation boards on concrete & walls
- Gluing of gravel on various surfaces

## STORAGE

- Should be stored tightly closed and away from direct sunlight in a cool, dry, well-ventilated area between 5°C to 39°C
- Protect from freezing
- Close the container tightly when not in use

## SURFACE PREPARATION

All surfaces must be clean, dry and free from dust, dirt, paint, loose materials, oil, grease, sealers, curing compounds, waxes and all other contaminations.

## PACKAGING

0.5 & 3.7 Kg Can & 35 Kg Drum

| TECHNICAL DATA                  |  |  |                         |  |
|---------------------------------|--|--|-------------------------|--|
| BASE MATERIAL                   | Polyvinyl Acetate.                       |  | COVERAGE (APPROX.)      | 3 - 5 m <sup>2</sup> /Kg<br>Depends on the surfaces  |
| COLOR                           | Milky White                              |  | APPLICATION TEMPERATURE | 5°C - 50°C   |
| VISCOSITY AT 25°C<br>ASTM D2196 | 27,000 – 34,000 CPs<br>(Sp.# 7 @ 20 rpm) |  | DRYING TIME             | 30 Min to approx. 1Hr. (Depends on thickness of the adhesive layer, kind of wood and climatic condition) |
| SPECIFIC GRAVITY<br>ASTM D1475  | 1.02 – 1.08                              |  | OPEN TIME               | 1 - 5 Minutes<br>(Depends on climatic conditions)  |
| pH<br>ASTM D 1172               | 4 – 6.5                                  |  | PRESSING TIME           | 1 – 2 Hour<br>(Depends on the climatic condition and)  |
| SOLID CONTENTS ASTM<br>D1644    | 42 - 48%                                 |  | FULL CURE               | 24 Hours<br>(Depends on climatic conditions)   |

## APPLICATION METHOD

1. Make sure that the surfaces are dry for application.
2. Apply a thin, even coat of the adhesive to one of the surfaces by brush or roller.
3. Allow the adhesive to soak into the surface for some minutes and then the surfaces should be position carefully before assembly.
4. Assemble the parts within the assembly time followed by clamping or pressing.
5. The materials should be submitted to pressure by means of screw clamps, spindle press or any other suitable equipment.
6. For bonding tenons and dowels: apply directly into the holes or mortice so that the adhesive is pushed in to the socket on assembly.

## CLEANING & DISPOSAL

- Wet material is cleaned immediately with Water
- The Tools & the excess material should be cleaned immediately with water before it gets dry
- Dry product may stains can be removed mechanically
- Dispose the waste according to the local regulations

## SHELF LIFE

18 months shelf life when stored in it's original unopened container between 5°C to 39°C.

## HEALTH & SAFETY

The product is generally safe, non-toxic and non-flammable in wet condition.

The product should not be swallowed or allowed to come into contact with skin and eyes. Use of suitable protective gloves and goggles is advisable.

If eyes are affected with product rinse with excess amount of clean fresh water and seek for medical advice. If swallowed seek medical attention immediately and do not induce vomiting help.

## HMIS Rating

|              |   |
|--------------|---|
| HEALTH       | 1 |
| FLAMMABILITY | 0 |
| REACTIVITY   | 0 |

0 = Minimal; 1 = Slight; 2 = Moderate; 3 = Serious; 4 = Severe; N = No information provided

## ADDITIONAL INFORMATION

### SAAF IS ALSO MANUFACTURES THE FOLLOWING RANGE OF PRODUCTS

- Solvent Based Adhesives
- Water Based Adhesives
- Flooring Adhesives
- Putties & Sealants
- Coatings
- Concrete Admixtures

For further information, kindly visit our website [www.tigind.com](http://www.tigind.com)