

PRODUCT DESCRIPTION

SAAF Wood Adhesive 78-1040 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 white film upon drying

FEATURES AND BENEFITS

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

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
- 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

0.5Kg & 3.7Kg Cans & 35 Kg Drum.

TECHNICAL DATA

BASE MATERIAL	Modified Acrylic Emulsion.	COVERAGE (APPROX.)	3 - 5 m ² /Kg Depends on the surfaces
COLOR	Milky White	APPLICATION TEMPERATURE	5°C - 50°C
VISCOSITY AT 25°C ASTM D2196	25,000 – 34,000 CPs (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 ASTM D1475	1.10 – 1.50	OPEN TIME	1 - 5 Minutes (Depends on climatic conditions)
pH ASTM D 1172	6.5 – 8	FULL CURE	24 Hours (Depends on climatic conditions)
SOLID CONTENTS ASTM D1644	51 - 56%	PRESSING TIME	1 – 2 Hour (Depends on the climatic condition and wood type)

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.
- For bonding tendons 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