

ALPHA

SOLUTIONS FOR INDUSTRY

S 1922 (TF) HIGH PERFORMANCE SPRAYABLE ADHESIVE

Description

Alpha S.1922 (TF) is a powerful, general purpose adhesive, having high heat resistance. S 1922 has been formulated without the use of toluene enabling it to be sold to the general public, due to its use of a safer solvent system

Application

Alpha S.1922 has been developed to be applied with spray systems. The high performance of the finished bond makes it suitable for use in a wide range of applications particularly in the Automotive, Building and Furniture Industries.

This adhesive has excellent spraying characteristics. The finished bond exhibits high strength and high heat resistance.

USES IN THE AUTOMOTIVE INDUSTRY

Alpha S 1922 gives excellent bonds with high heat resistance to a variety of substrates used in the manufacture & assembly of automotive parts e.g. polyester, ABS; metal, plastic, leather cotton backed PVC etc

Alpha S1922 has a long open time & can be used for fascia trim & seat assembly

USES IN BUILDING INDUSTRY

Bonding a wide range of materials including Asbestolux, Plasterboard, Plywood, Chipboard, rigid Polyurethane and PVC foam, laminated plastics, copper and aluminium foils, vitreous enamelled metal paints and other painted surfaces. It is ideally suited for use in the manufacture of Curtain Wall laminated insulation on infill panels.

USES IN THE FURNITURE INDUSTRY

Bonding laminated plastic veneers, such as Formica, Arborite and Perstop, etc, to a wide variety of core materials. Bonding foam cushioning to moulded chair shells and settees S.1922 will withstand the heavy bull nosing required for edge finishing. S.1922 will adhere to most shell materials including rigid polyurethane, plywood, fibreboard, polyester mouldings, hessian covered expanded polystyrene.

Technical Data

Total Solids	18 ± 1.5 %
Viscosity	200 ± 80 cps
Typical Specific Gravity	0.818
Flash Point	-12°C
Coverage	5-9 square metres/ litre .
Heat Resistance	up to 140°C
Thinner/Cleaner	T 559 (TF)
Open Joint Time	2- 40 minutes

Method of use

1. The materials to be bonded should be dry, clean and free from dust, loose material, oil or grease.
2. Spray apply an even coating of S.1922 to both surfaces.
3. Allow the S.1922 solvents to evaporate until the adhesive film is "tacky". Under normal ambient conditions this will take between 1 and 1½ minutes. Bond should be made with in 40 minutes of spraying.
4. Locate the coated surfaces accurately before bringing them into contact, as an immediate bond will be formed. Apply firm even pressure to consolidate the bond. For best results on laminates use either nip rollers for rapid through put or existing press systems (using a pressure of approximately 270 to 420 KN per square metre, i.e. 40-60 lbs, per square inch).
The immediate high contact bond strength increases appreciably within the next 24 hours and will develop still further in service.

Health & Safety

See separate health and safety data sheet.

Storage and Shelf Life

Stored in well sealed containers, S 1922 will keep satisfactorily for up to 12 months, from date of manufacture. S 1922 must be protected from frost and stored between 5 – 25°C.

Important Notice

Whilst all reasonable care is taken in the compilation of this data sheet, it is the customer's responsibility to determine the suitability of the product for the desired application.

**ISSUE 7
APRIL 2011**