

SN1554

HIGH PERFORMANCE SPRAYABLE ADHESIVE



PRODUCT INFORMATION

Alpha SN1554 Sprayable Adhesive is a high performance sprayable adhesive based on a blend of synthetic polymers and resins in non-flammable solvents.

Alpha SN1554 adhesive's unique combination of aggressive tack, fast bond development and high bond strength coupled with economical cost provide a modern and safe method of bonding non-structural components.

It is ideal for the permanent bonding of all flexible foams to either themselves or to typical furniture materials such as painted metal, chipboard, hardboard, fibreglass and other types of wood. It is equally suitable for the attachment of furnishing fabrics including backed PVC and backing materials such as hessian, felt and upholstery padding. Bonds made with SN1554 are permanent and secure when exposed to the temperature and ageing conditions likely to be found in service.

KEY INFORMATION

- High performance sprayable contact adhesive
- Based on non-flammable solvents
- Excellent heat resistance
- Short open time
- Exceptionally versatile
- Easy to use

TYPICAL APPLICATIONS

Alpha SN1554 is suitable for the following applications:

- Bonding a variety of materials for furniture and upholstery
- Foam conversion

PRODUCT CHARACTERISTICS

The following technical information and data should be considered representative or typical only. Therefore, the information should not be used for specification purpose.

Property	Data
Colour	Clear / Red
Base	Polychloroprene
Consistency	Liquid
Specific Gravity (20°C)	1.23
Total Solids Content	14.0 – 16.5 %
Viscosity (20°C)	300 – 600cP
Open Joint Time	Immediate – 10 minutes*
Cure Time	7 days
Heat Resistance	up to 95°C
Coverage	5 to 9 square metres / litre

* dependent upon ambient temperature, relative humidity and the materials used.

PRODUCT PERFORMANCE

Test	Substrates	Results/Observations
Shear Test (70°C)	Polypropylene	300 N

HANDLING & APPLICATIONS

The general application information presented here is based upon typical conditions determined by Alpha Adhesives & Sealants testing. Our recommendations on the use of this product are based on methods believed to be reliable. It is advised that users conduct their own tests to determine the suitability of the product for their specific application.

Process Step	Guidelines
Surface Preparation	All substrates must be clean of any dust, grit, loose material, wax, grease and oil using Alpha T1239. The materials to be bonded should be dry.
Adhesive Application	<p>TWO-WAY STICK</p> <ol style="list-style-type: none">1. Spray apply an even coating of SN1554 on to both surfaces that are to be bonded.2. Bonds should be consolidated immediately or up to 10 minutes afterwards dependent on the conditions, porosity of the substrate and the amount of adhesive applied.3. Locate the coated surfaces accurately before bringing them into contact, as an immediate bond will be formed.4. Apply firm even pressure to consolidate the bond. <p>In certain application, the high tack properties of SN1554 allow a one way stick operation. Follow the procedure above, only applying the adhesive in a thicker coat to one of the substrates.</p>
Curing	<p>The immediate high contact bond strength increases appreciably within the next 48 hours and will develop still further in service.</p> <p>For the best heat resistance, leave at room temperature for 7 days, before placing in to service.</p>
Cleaning	Alpha Cleaner T1239 should be used to remove residues from surfaces.

HEALTHY & SAFETY INFORMATION

Alpha SN1554 is classified as hazardous according to Directive EC 1272/2008. Please refer to the Alpha SN1554 Safety Data Sheet for further health & safety information.

STORAGE

Alpha SN1554 should be stored in its original container, with the lid tightly secured, in dry conditions and at temperatures between 5°C and 25°C. Alpha SN1554 will keep satisfactorily for up to 12 months from date of manufacture if stored according to the recommended conditions.

PRODUCT AVAILABILITY

Product Reference	Pack Size	Container	Box Quantity
SN1554 Clear	205 L	Drum	N/A
SN1554 Clear	25 L	Drum	N/A
SN1554 Clear	5 L	Tin	N/A
SN1554 Red	205 L	Drum	N/A
SN1554 Red	25 L	Drum	N/A
SN1554 Red	5 L	Tin	N/A

ISSUE : 5

January 2019

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