



CONTACT-17 Sprayable Contact Adhesive

Technical Data Sheet

Product

Contact-17 is one of the first products from the new generation of synthetic rubber/resin adhesives. Its high solids/low solvent formula produces a quicker, stronger, more aggressive bonding system which out performs all conventional adhesives.

System

Contact-17 is supplied in either a disposable 17kg Canister or a re-fillable 85kg Container, which is linked through either a 3.5 metre or a 5.5 metre hose to a spray gun. This provides an easy to use, self-contained time saving spraying system.

Applications

Contact-17 bonds many materials such as decorative laminates, foam, felt, fabrics, carpets and carpet tiles, cardboard, rubber, polythene, sheet vinyl and most plastics to themselves and a wide variety of substrates including wood, particle board, MDF, metal, concrete, brickwork, stone, slate, glass etc; making it ideal for use in contract flooring, exhibitions, carpet laying, furniture manufacture, re-upholstering, laminating, veneering, shop fitting, joinery etc. It has a high temperature resistance up to 110°C, which makes it suitable for applications within coach building, vehicle, boat and caravan fitting and refurbishment, or for wherever a high temperature bond is required.

Note: Contact-17 is not suitable for heavily plasticised PVC.

Method of Use

Contact-17 forms its bond by sticking to itself, therefore sufficient adhesive must be present on both surfaces. Before fabrication, all materials to be bonded should be conditioned at room temperature and the surface to be bonded must be clean, dry and contaminant free. From approximately 25cm (10 inches) spray one surface horizontally and the other vertically each to a minimum coverage of 80%. Allow the adhesive to become 'touch dry', it is ready to bond when there is no transference of the adhesive to the finger. Bring the surfaces together and press firmly together from the centre working outwards to achieve a good contact and exclude any air bubbles. The Contact Adhesive dries in approximately 2 minutes under normal temperature and humidity. High humidity and low temperatures will slow the drying time.

Never bring the two surfaces together prematurely, as solvent will be trapped causing air bubbles over time. Excess adhesive may be removed with Solvent Cleaner.

An evaluation of the adhesive should be carried out in application conditions before commercial use is undertaken, this should also include reference to ageing.

Connecting Hose and Gun

Connect the spray gun to the hose ensuring that the locking nut on the gun is closed, then connect the other end of the hose to the canister and ensure all the connections are tight. Open the valve on the canister, which allows the adhesive into the hose and gun and then open the locking nut on the gun to commence spraying.

Note: Always leave the locking nut on the canister in the open position and use the locking nut on the gun to turn off.

The valve on the canister should remain open until the canister is empty, locking this valve before then will result in the adhesive drying in the hose and causing blockages.

Cleaning and Maintenance

Provided that the above instructions are followed, there should be no issues other than normal wear and tear. It is important to keep the canister valve open so as to prevent solidification of the adhesive within the hose and gun. When disconnecting the hose from a used canister, immediately connect it to the replacement, and ensure that the canister valve is open. Otherwise, drying of the adhesive in the tip of the gun is the only issue. The tip is easily cleaned by removing it from the gun and soaking in any industrial solvent until the adhesive either dissolves, or softens enough to be peeled off.

Handling and Storage Considerations

Whilst handling the adhesive, we advise to avoid spillage, to keep away from heat, sparks and open flames and to use the adhesive in well ventilated areas. For best results the adhesive should be used at temperatures between 15°C - 25°C.

Contact-17 needs to be stored in temperatures between 10°C - 20°C, in dry, well ventilated areas and must not be exposed to direct sunlight or temperatures above 50°C.

Disposal Considerations

The canister must be disposed of safely, in accordance with local authority requirements. The empty canisters must not be burned because of explosion hazard. To render the Canister un-pressurised, after it has been fully emptied, leave the gun and hose connected with the gun in the 'open' position. Then simply knock out the bung-hole in the top of the canister with a non-sparking tool.

Recommendations

We recommend that you view the Safety Data Sheet (SDS) for further information on the product before use and if you have any questions or queries then you can contact technical services.

Benefits

Portable:	No need for a compressor or other expensive equipment.
Clean:	Every application is a clean, fresh application.
Easy to Use:	Simply spray the adhesive onto the surfaces to be bonded, Wait a short while and then bring them together.
Non Flammable Adhesive:	The only flammable component is the propellant. Once that has evaporated, a totally non- flammable bond is achieved.
Water Resistance:	When fully cured, Contact-17 forms a water resistant bond which makes it ideal for bathroom and kitchen worktop manufacture, along with many marine applications.
Heat Resistance:	Ideal for applications where heat tolerance is a necessity. Tested to over 110 °C, Contact-17 will not delaminate in high temperature situations.
Shelf Life:	This product can be stored for 12 months when kept in the original unopened canister.
Coverage:	200 – 300 M ²
Temp. Resistance:	110 °C
Open Time:	1 - 2 Minutes
Tack Life:	Up to 1 hour dependent upon conditions

This product is also available in 500ml aerosol - see Contact Adhesive - and in Non-Chlorinated form - see Contact 22.

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DISCLAIMER

The Information provided herein, especially recommendations for the usage and the application of this products, is provided in good faith, and no liability on the part of AFT Aerosols Ltd is stated or implied. No employee of AFT Aerosols Ltd has the authority to waive or alter in any way the content of this document.

Due to different materials used, as well as to varying working conditions, production techniques, and the requirements of the end users, all of which are beyond our control, we strongly recommend that thorough and extensive trials are carried out in order to test the suitability of our products with regard to the required processes and applications. This should also include an ageing test which should be applied to all substrates used.

It is also the responsibility of the purchaser and end user of this product to ensure that all appropriate actions necessary for the protection of the environment, and for the health and safety of their employees are observed.

This datasheet replaces all former versions