

## HIGH STRENGTH CANISTER ADHESIVE

A PLEXUS CONSTRUCTION ADHESIVES PRODUCT

SPH is an aerosolised contact adhesive with pressure sensitive properties. The superior bond strength properties and exceptional tack makes SPH an excellent choice for most permanent adhesive applications. SPH has high shear strength, heat/ UV stability, water resistance, fast drying and a long working time. The aerosol package offers an adjustable web spray pattern for controlled distribution with 100% transfer efficiency of the adhesive to the substrate.

### PHYSICAL PROPERTIES:

<b>FLAMMABILITY OF CANISTER:</b>	Non-Flammable adhesive with flammable propellant
<b>SPRAY PATTERN:</b>	Variable Web
<b>APPEARANCE:</b>	Available in clear or red
<b>DRY TIME:</b>	2 – 5 minutes at 23°C
<b>OPEN/WORKING TIME:</b>	1 hour
<b>LAP SHEAR STRENGTH:</b>	> 1.4 N/mm <sup>2</sup>

### ADVANTAGES:

- Aggressive grab tack
- Reduced application time
- Self contained / portable / low maintenance spray system
- User friendly/No clean-up required
- Does not contain CFC's or ozone depleting compounds
- Fast Drying

### PACKAGING:

- 17Kg Returnable Canister

**RECOMMENDED USES:** SPH was specifically designed for bonding high-pressure laminate to various substrates. The adhesives pressure sensitive qualities make the product suitable for a variety of industrial applications including; manufactured housing, general construction, RV/caravan, marine, woodworking, furniture, textile, HVAC, and the upholstery industries. It can be used on porous and many non-porous surfaces. For permanent results, spray both surfaces. For typical laminating applications a coating weight of 27 – 30 grams per square meter (80-100% coverage) is recommended. Allow the adhesive films to dry for a minimum of two minutes @ 23°C and then assemble, apply even pressure over the entire surface to ensure a total contact bond.

Substrates and materials which SPH can effectively bond include:	<b>Wood Products</b>	<b>Urethane Foams</b>	<b>Particle Board</b>	<b>Sheet Aluminium</b>
	<b>Laminate</b>	<b>A.B.S. Plastic</b>	<b>Paper Products</b>	<b>Painted Steel</b>
	<b>Moulded Fibreglass</b>	<b>Cork</b>	<b>Fibreglass Insulation</b>	<b>Felt</b>
	<b>Most Metals</b>	<b>Glass</b>	<b>Non-backed Carpet</b>	<b>Gel Coat</b>
	<b>Galvanized Steel</b>	<b>Moulded PVC</b>	<b>Foam-backed Carpet</b>	<b>Duct Liner and Wrap</b>
				<i>and many more!</i>

It is recommended that testing be performed on all new materials to determine suitability for each specific application. SPH can be used with most plastics, but compatibility testing is required. SPH is not recommended for or polyolefins. ITW Plexus Construction Adhesives strongly recommends that all substrates be tested with the selected adhesive in the anticipated service conditions to determine suitability.

**IMPORTANT:** SPH is not designed to provide permanent bonds in areas that are exposed to intense sunlight or extreme heat (>104°C)



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**STORAGE & HANDLING:** SPH should be stored in a controlled environment between 16°C and 38°C and away from direct sunlight. Do not expose canisters to cold temperatures or allow to sit on concrete floors. Freezing does not damage this product. If freezing occurs, the canister will not spray correctly until the canister is brought to a warm area and allowed to thaw. Once warmed, agitate the canister and product will regain its spray properties. The ideal application temperature for STA-PUT products is 21 - 23°C. The **SHELF LIFE** of the product is 1 Year from fill date.

FOR PRODUCT HEALTH AND SAFETY INFORMATION, READ THE MATERIAL SAFETY DATA SHEET.

All information on this data sheet is based on laboratory testing and is not intended for design purposes. ITW Plexus Construction Adhesives makes no representations or warranties of any kind concerning this data. Due to variance of storage, handling and application of these materials, ITW Plexus Construction Adhesives cannot accept liability for results obtained.

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