



CANISTER MECHANICAL PROBLEMS

PROBLEM	POSSIBLE CAUSE	SOLUTIONS
Sputter or not spraying and canister appears at least partially full	<ul style="list-style-type: none"> - Valve not fully opened. - Adhesive temp. is below 60°F. - Gun tip is jammed or hose restricted. - Hose, gun and tank are not properly connected. - Faulty valve leaked out all propellant. - Particulate matter in adhesive. 	<ul style="list-style-type: none"> - Open valve fully - Take canister to a heated room and keep off concrete floors. - Inspect gun tips and hoses. Clean adhesive build-up and remove loose Teflon tape. - Check for leaks and tighten gun and loose connections - Do not use canister if valve leaks. - Do not use canister if particulate matter in adhesive.
Spray clear gas only and canister appears full	<ul style="list-style-type: none"> - Dip tube detached 	<ul style="list-style-type: none"> - Do not use the product
Frozen canisters	<ul style="list-style-type: none"> - Canister being shipped or stored in cold temperature 	<ul style="list-style-type: none"> - Freezing will damage water-based product. Do not use. - Move solvent-based canisters to a warm area and bring temp. to 70°F. Warm water (80°-90°F) immersion will expedite.
Visible leaking of adhesive at valve.	<ul style="list-style-type: none"> - Valve stem has become unseated. 	<ul style="list-style-type: none"> - With hand pressure only, open valve fully until resistance is encountered. Do not use if valve still leaks. - Do not use canister if threads are stripped
Improper spray pattern	<ul style="list-style-type: none"> - Adhesive temp. is below 60°F. - Damaged or clogged tip. 	<ul style="list-style-type: none"> - Warm canister - Clean or replace tip.
Broken handle	<ul style="list-style-type: none"> - Damaged in shipping or during use. 	<ul style="list-style-type: none"> - Replace (remove broken handle and replace with good handle from empty canister if damaged during use).
Spraying bubbly, foamy, low tack liquid	<ul style="list-style-type: none"> - Propellant and adhesive have separated 	<ul style="list-style-type: none"> - Shake small canisters; roll large canisters



CANISTER APPLICATION PROBLEMS

PROBLEM	POSSIBLE CAUSE	SOLUTIONS
Insufficient coverage	<ul style="list-style-type: none"> - Improper tip used for application - Spraying when adhesive temp. is below 65°F - Moving gun too fast or too far from substrate - Only one coat on extremely porous substrates 	<ul style="list-style-type: none"> - Make sure to use recommended tip for different applications. - The most efficient adhesive temp. for spraying is between 70°F and 90°F - Adjust spray speed, distance and angle to achieve ideal adhesive coverage with one inch or less overlapping.
Good coverage, but poor bond	<ul style="list-style-type: none"> - Bond has been made too soon or too late after spraying - Surfaces are too cold or too hot 	<ul style="list-style-type: none"> - Follow instructions for tack/open time on label. - Ideal surface temperature is between 65°F and 95°F.
<i>FOR HPL APPLICATIONS ONLY</i>		
Edge lifting of laminate	<ul style="list-style-type: none"> - Lack of coverage on edges - Shrinkage and expansion of laminates and substrates can cause delamination. - Insufficient pressure applied to laminate - Excessive heat exposure (direct sunlight, etc.) 	<ul style="list-style-type: none"> - Apply 2nd coat (after first has dried) 2 to 3 inches in from the edge of the entire surface. - Laminates and substrates should be properly conditioned prior to fabrication for 48 hours at approximately 70°F and at a relative humidity of 45 to 55%. - Apply adequate pressure. (2-handed J-roller is recommended) - Use neoprene-based product.
Bubbles on the surface sprayed	<ul style="list-style-type: none"> - Spray too close and too heavy 	<ul style="list-style-type: none"> - Bubbles should be popped as soon as they appear. - Never join surfaces when bubbles are present on sprayed surface.
Solvent intrusion	<ul style="list-style-type: none"> - Not allowing proper drying time - Spray too close - The product falls below 60°F 	<ul style="list-style-type: none"> - Always allow adequate time for adhesive to tack. - The tip being used determines the proper distance. - Warm canister.