

CANISTER SETUP & TROUBLESHOOTING GUIDE



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CANISTER SETUP

STEP 1

Screw the larger hose nut to the gun thread (clockwise) and fully tighten with a 22mm spanner. Check hose is securely attached.



STEP 2

Insert the spray tip into the tip retaining nut and screw onto the end of gun using a 22mm spanner. Ensure spray tip is in vertical/ upright position. (New Guns may already have a tip in place).



STEP 3

Screw the smaller hose nut to the canister valve (clockwise) and fully tighten with a 15mm spanner. Check the hose is securely attached.



STEP 4

Turn the canister valve anti-clockwise until fully open. Check connections for leaks - if any occur, tighten connections.



DO NOT TURN THE CANISTER VALVE OFF UNTIL THE CANISTER IS EMPTY (this is to prevent adhesive curing in the hose and gun).

STEP 5

On initial use, or if canister has been standing for over 12 hrs, the hose and gun may require a purge. Pull the trigger and adjust flow by turning adjustment screw at the back of the gun (anticlockwise to open and clockwise to close). Dispense and discard adhesive until a consistent spray pattern is achieved.



CANISTER CHANGEOVER

IMPORTANT NOTE:

- This process should be followed through immediately, to stop the gun and hose blocking and becoming unusable.
- Safety glasses and gloves must be put on before starting the disposal process. (page 3 & 4)
- Tip should be wiped after ever us with wire brush and appropriate cleaner.

STEP 1

Turn the canister valve (clockwise) until fully closed. Pull the trigger on the gun and hold until there is no more pressure in the line to expel residual pressure (may take up to 20 Seconds).



STEP 2

Unscrew the hose nut with a 15mm spanner and disconnect the hose from the empty canister (move to next page for canister disposal).



STEP 3

Connect the hose and gun to the new canister (go to Step 3 of preparation and follow the process through to Step 5). If you are not transferring the hose and gun to a new canister you will need to clean it to ensure it can be used again on future jobs. Consult product TDS and MSDS, for correct cleaner.



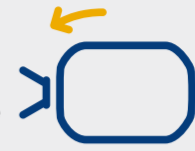
CANISTER DISPOSAL Part 1

IMPORTANT NOTE:

- This process applies to our 22ltr canisters only.
- For disposal of 110ltr intermediates please contact the Indasol Sales Team as per below.

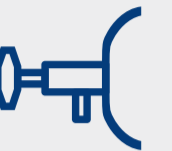
STEP 1

Lay the empty canister on its side with the valve pointing AWAY from everyone, and well away from sources of ignition.



STEP 2

Open the canister valve (anti-clockwise) and release any residual pressure.



STEP 3

Stand canister upright. Use a hammer and brass punch or other non-sparking instrument to puncture the friable disc.



STEP 4

As long as the user is able to accept responsibility for de-pressurising the canister, it can be disposed of as per your normal scrap metal disposal (subject to local waste restrictions).



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Canister Evacuation and Render Safe Procedure Part 2

NOTE - Always direct valve outlet away from person during the following procedures

A. EVACUATION

- Ascertain from weight of canister whether empty of liquid residues inverted, gradually open valve fully, to ensure no blockage has occurred in valve, and ascertain evacuation complete.
- If liquid residue is remaining, invert canister by laying on it's side with valve pointing away from anyone, open valve a minimal amount to allow gradual pressure release, leaving inverted until all pressure is released. Once pressure appears to be released, keeping
- If empty of liquid, invert canister and fully open valve to release pressure, and ascertain evacuation complete.
- Once empty then proceed to part B to puncture them.

B. RENDER SAFE PUNCTURING

- Check, by feel, whether canister contains liquid residues. If yes, take additional care to avoid spillage during following operations.
- Place evacuated canister in fly press jaws. Base end forward.
- Close operator protective guard. Wind chisel point down until canister is fully pierced, then up to release. Remove canister from fly press.
- Alternatively, using a nail punch, puncture the bung on the canister neck use a hammer and brass punch or other non-sparking instrument to puncture the friable disc (see image below)
- If canister contains liquid residues, and still pressurised pierce canister twice and then empty into appropriate bulk waste liquid container.
- Disposal via waste recycling provider.



GUN, HOSE & CANISTER TROUBLESHOOTING

TIP CONNECTION LEAKING



STEP 1
Remove nozzle to reveal flat resting plate.

STEP 2
Tighten flat resting plate with 14mm spanner.

STEP 3
Clean the flat resting plate with wire brush. Then re-attached the nozzle (go to step 2 of canister setup and follow the process to step 4)

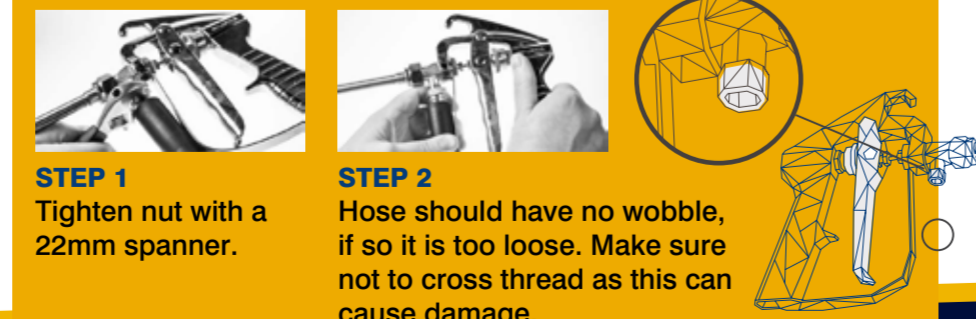
GUN LOCKED ON SPRAY



STEP 1
Ensure the trigger retention nut (3.3) is in the correct position against the lever bracket.

STEP 2
Not threaded forward against the seal nut.

HOSE CONNECTION LEAKING

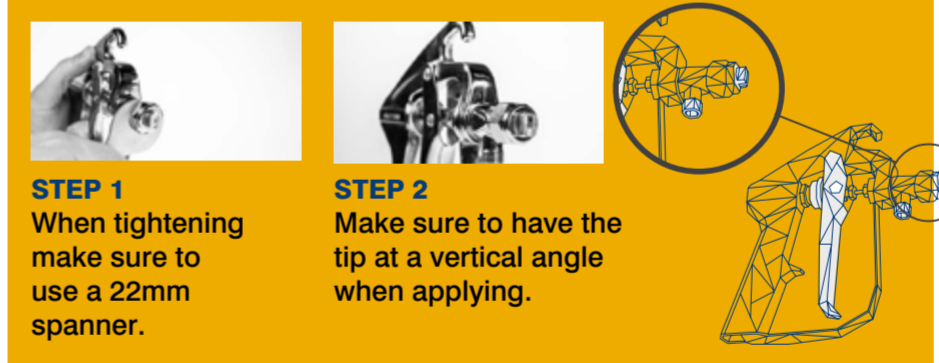


STEP 1
Tighten nut with a 22mm spanner.

STEP 2
Hose should have no wobble, if so it is too loose. Make sure not to cross thread as this can cause damage.

GUN, HOSE & CANISTER TROUBLESHOOTING

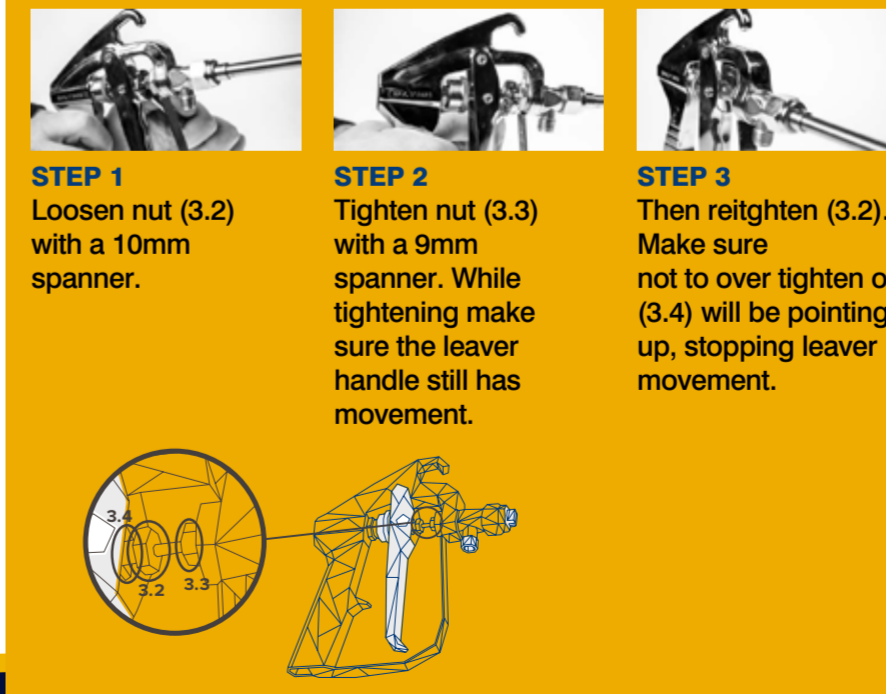
NOZZLE LEAKING



STEP 1
When tightening make sure to use a 22mm spanner.

STEP 2
Make sure to have the tip at a vertical angle when applying.

LEAKING FROM NEEDLE SHAFT



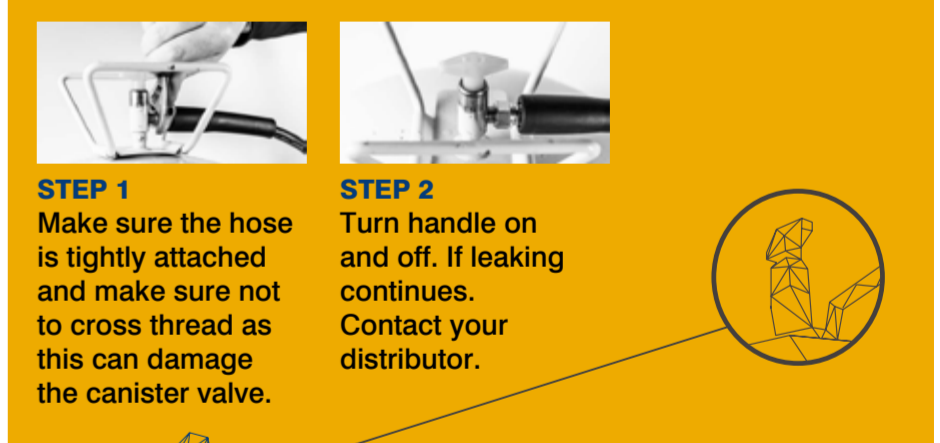
STEP 1
Loosen nut (3.2) with a 10mm spanner.

STEP 2
Tighten nut (3.3) with a 9mm spanner. While tightening make sure the lever handle still has movement.

STEP 3
Then re-tighten (3.2). Make sure not to over tighten or (3.4) will be pointing up, stopping lever movement.

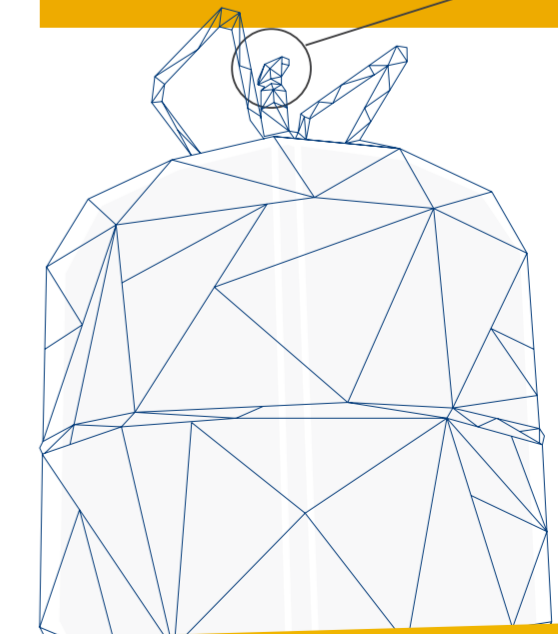
CANISTER TROUBLESHOOTING

CANISTER HANDLE LEAKING



STEP 1
Make sure the hose is tightly attached and make sure not to cross thread as this can damage the canister valve.

STEP 2
Turn handle on and off. If leaking continues. Contact your distributor.



Best bond in the business...

TECHNICAL DATA SHEET

INDASOL^{co.uk}
Industrial Adhesive Solutions Ltd

PROBONDER

Contact Spray Adhesive



DESCRIPTION:
PROBONDER will bond to a wide variety of substrings including concrete, sand / cement screed, plywood, flooring grade chipboard and hardboard. It is ideal for permanent bonds that require good initial bond strength. It provides good temperature resistance and, if protected from contamination, has an open time of several hours. **PROBONDER** provides an aggressive, fast, strong and permanent waterproof bond. Suitable for use with synthetic backed, gel backed and felt backed carpets, carpet tiles, underlay and associated products. Always test a small sample of the materials first to ensure the suitability of the product for the application. For instance, some vinyls contain large amounts of plasticiser which, over time, can migrate and soften the bond. Do not use on flexible PVC or expanded polystyrene.

High Strength Bond Achieved in Minutes
Good Heat Resistance
Excellent Grab • Long Open Time

TECHNICAL SPECIFICATION:

PROPERTY	PROBONDER
Solvent	Dichloromethane
Propellant	Hydrocarbon
Solids Content (approx)	25-30%
Spray Pattern	Web
Colour	Clear
Coverage (17kg canister)	- 128m ² (Dry Coat Weight of 25g/sm)
VOC	718g/l
Heat Resistance (SAFT)	>100°C
Available sizes	17kg

STORAGE & SHELF LIFE:
Protect from extremes of temperature in a controlled environment between 15 and 35°C, and away from direct sunlight. Do not stand on a cold concrete floor. Low temperatures can result in irreparable separation of the adhesive. If the adhesive sprays like a jet, the canister is too cold. Warm to at least 10°C before using.
DO NOT ALLOW THE PRODUCT TO FREEZE
Stored under the correct conditions, in original, unopened containers, the product will have a shelf life of 12 months.

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TECHNICAL DATA SHEET

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Industrial Adhesive Solutions Ltd

PROBONDER-FOAM

Foam & Polystyrene Spray Adhesive



DCM FREE NON-CHLORINATED

DESCRIPTION:
PROBONDER-FOAM is designed for bonding polystyrene to itself and various substrates including mdf, chipboard, plywood and other timber sheet materials. It will also bond to most common building materials such as plasterboard, aluminium, concrete, brickwork and steel.
Do not use on flexible PVC.

PRODUCT DESCRIPTION:
PROBONDER-FOAM is designed for bonding polystyrene to itself and various substrates including mdf, chipboard, plywood and other timber sheet materials. It will also bond to most common building materials such as plasterboard, aluminium, concrete, brickwork and steel.
Do not use on flexible PVC.

Dichloromethane Free
Designed for Bonding Polystyrene
Fast Easy Application
Very Fast Drying High Solids
Low Odour
Long Open Time
Bonds a Wide Variety of Substrates

TECHNICAL SPECIFICATION:

PROPERTY	PROBONDER-FOAM
Solvent	Hydrocarbon
Propellant	Hydrocarbon
Solids Content (approx)	35%
Spray Pattern	Web
Colour	Clear
Coverage (13kg canister)	- 105m ²
VOC	565g
Heat Resistance (SAFT)	71°C
Available Sizes	13kg, 65kg

STORAGE:
Protect from extremes of temperature in a controlled environment between 15 and 35°C, and away from direct sunlight. Do not stand on a cold concrete floor. Low temperatures can result in irreparable separation of the adhesive. If the adhesive sprays like a jet, the canister is too cold.
Warm to at least 10°C before using.
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PROBONDER-FR

Premium Non Chlorinated Contact Adhesive NCFR476



DCM FREE NON-CHLORINATED

DESCRIPTION:
PROBONDER-FR will bond a wide variety of substrates, including wood, metals, rubber, fabric, most plastics, cardboard, polythene and concrete, as well as decorative laminates. It is ideal for permanent bonds that require good initial bond strength. It provides good temperature resistance and if protected from contamination has an open time of several hours. Always test a small sample of the materials first to ensure the suitability of the product for the application. For instance, some vinyls contain large amounts of plasticiser which, over time, can migrate and soften the bond. When in doubt, test first. Do not use on flexible PVC or expanded polystyrene.

Dichloromethane Free
Uniform Spray Fast Easy Application
Fast Drying
High Solids
High Temperature Resistance Low Odour
Long Open Time
Bonds A Wide Variety Of Substrates

TECHNICAL SPECIFICATION:

PROPERTY	PROBONDER-FR
Solvent	Hydrocarbon
Propellant	Hydrocarbon
Solids Content (approx)	33%
Spray Pattern	Web
Colour	Clear
Coverage (13kg canister)	~ 100m ²
VOC	590g/l
Heat Resistance (SAFT)	100°C
Available Sizes	13.6kg / 68kg

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PROBONDER-MS

Non-Chlorinated Mist Spray Contact Adhesive



DCM FREE NON-CHLORINATED

DESCRIPTION:
PROBONDER-MS spray adhesive is designed to give 100% coating on both surfaces in one pass. It has a mist spray pattern distinctly different to the web. This makes it easy to apply, with more confidence that the required coat weight is being applied. The finish is a smooth, even layer suitable for bonding thin or high gloss laminates to various substrates including MD, chipboard, plywood and other timber sheet materials. It will also bond to most common building materials such as plasterboard, aluminium, concrete, brickwork and steel. The canister, when equipped with a re-usable hose and gun, eliminates the need for air assisted application systems. Always test a small sample of the materials first to ensure the suitability of the product for the application. For instance, some vinyls contain large amounts of plasticiser which, over time, can migrate and soften the bond. When in doubt, test first.
Do not use on flexible PVC or expanded polystyrene.

Mist Spray • Fast Easy Application
Fast Drying • High Solids
High Temperature Resistance
Low Odour • Long Open Time
Bonds A Wide Variety Of Substrates

TECHNICAL SPECIFICATION:

PROPERTY	PROBONDER-MS
Solvent	Hydrocarbon/ester
Propellant	Hydrocarbon/nitrogen
Solids Content (approx)	28%
Spray Pattern	Mist
Colour	Pale cream
Coverage (14.3kg Canister)	~ 125m ² (Dry coat weight of 25gm)
VOC	587g/l
Heat Resistance	100°C
Available Sizes	14.3kg

STORAGE:
Protect from extremes of temperature in a controlled environment between 15 and 35°C, and away from direct sunlight. Do not stand on a cold concrete floor. Low temperatures can result in irreparable separation of the adhesive. If the adhesive sprays like a jet, the canister is too cold. Warm to at least 10°C before using.
DO NOT ALLOW THE PRODUCT TO FREEZE
Stored under the correct conditions, in original, unopened containers, the product will have a shelf life of 12 months.

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PROBONDER-SP

Premium Non Chlorinated Contact Adhesive



DCM FREE NON-CHLORINATED

DESCRIPTION:
PROBONDER-SP is our next generation adhesive canister using innovative solvent technology meaning that the adhesive maintains a low hazard to human health due to its low toxicity, as well as providing minimal impact to the environment. **PROBONDER-SP** has all the advantages of **PROBONDER** including high bond strength, high heat resistance and fast drying times but is completely non-chlorinated.
PROBONDER-SP will bond a wide variety of substrates, including wood, metals, rubber, fabric, most plastics, cardboard, polythene and concrete, as well as decorative laminates. It is ideal for permanent bonds that require good initial bond strength. It provides good temperature resistance and if protected from contamination has an open time of several hours. Always test a small sample of the materials first to ensure the suitability of the product for the application. For instance, some vinyls contain large amounts of plasticiser which, over time, can migrate and soften the bond. When in doubt, test first. Do not use on flexible PVC or expanded polystyrene.

Uniform Spray • Non-Chlorinated
Limited Health Hazards
Fast Easy Application • Fast Drying
High Temperature Resistance
Long Open Time

TECHNICAL SPECIFICATION:

PROPERTY	PROBONDER-SP
Solvent	Acetal
Propellant	Hydrocarbon
Solids Content (approx)	27%
Spray Pattern	Web
Colour	Clear or Red
Coverage (13kg Canister)	- 100m ²
VOC	575g/l
Heat Resistance (SAFT)	99°C
Available Sizes	14kg

STORAGE:
Protect from extremes of temperature in a controlled environment between 15 and 35°C, and away from direct sunlight. Do not stand on a cold concrete floor. Low temperatures can result in irreparable separation of the adhesive. If the adhesive sprays like a jet, the canister is too cold. Warm to at least 10°C before using.
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TECHNICAL DATA SHEET

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PROBONDER-UHT

Upholstery High Tack Adhesive



DCM FREE NON-CHLORINATED

DESCRIPTION:
PROBONDER-UHT is a premium high tack aerosol adhesive which bonds a wide variety of materials giving a rapid and strong bond formation and is economical in use. UHT is suitable for bonding most materials used in the upholstery industry such as Hessian, foams, fibrous materials, fabrics, insulation, polythene foam, etc. to themselves and wood, metal etc. UHT is also suitable for sticking un-gummed labels, paper, cardboard etc. to a variety of packaging materials.
Do not use on flexible PVC or expanded polystyrene
UHT is a high tack spray adhesive which does not contain any chlorinated solvents or CFC's.
UHT bonds a wide variety of materials giving a rapid and strong bonding formation and is economical in use.

Uniform Spray • Fast Easy Application
Fast Drying • High Solids
Low Odour • Long Open Time •
Bonds A Wide Variety Of Substrates

TECHNICAL SPECIFICATION:

PROPERTY	PROBONDER-UHT
Solvent	Hydrocarbon
Propellant	Hydrocarbon
Solids Content (approx)	35%
Spray Pattern	Web
Colour	Clear
Coverage (22L Canister)	125m ²
Heat Resistance (SAFT)	70°C
Available Sizes	500ml, 22L, 110L, 205L & IBC

STORAGE:
Protect from extremes of temperature in a controlled environment between 15 and 35°C, and away from direct sunlight. Do not stand on a cold concrete floor. Low temperatures can result in irreparable separation of the adhesive. If the adhesive sprays like a jet, the canister is too cold. Warm to at least 10°C before using.
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