Foundation Armor 2 Gallon Sprayer

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Warning: Improper use or failure to follow instructions can result in explosive failure causing serious injury to the eyes, other parts of the body, or people or items in the surrounding area. For safe use of this product you must read and follow all safety instructions, and use appropriate personal protective gear. Do not leave a pressurized sprayer in the hot sun. Heat can cause pressure build-up resulting in possible explosion. Do not store or leave chemicals or liquids of any kind in tank after use. Clean immediately. Always wear goggles, gloves, long sleeve shirt, long pants, full foot protection, and any additional personal protective gear as required on the Safety Data Sheet of the chemical/liquid you are spraying. Never use any tool to remove pump if there is pressure in the sprayer. Never stand with face or body over the top of the tank when pumping or loosening pump to prevent ejecting pump assembly and/or solution from striking and injuring you. Do not aim sprayer nozzle at your face. Never pressurize sprayer by any means other than the original pump. Do not attempt to modify this sprayer. Replace parts only with manufacturer's original parts. Never spray flammable, caustic, acidic, chlorine, bleach or other corrosive solutions or heat, pressure, or gas producing chemicals. Always read and follow chemical/liquid manufacturer's instructions prior to use with this sprayer as some chemicals/liquids may be hazardous when used in this sprayer. Keep out of reach of children and pets. For professional use. User is responsible for determining if sprayer is appropriate for chemical/liquid being sprayed, as well as all actions and consequences that can result from the use of the sprayer.

PARTS & PIECES

- (1) 0.5 GPM Adjustable Spray Cone Tip Nozzle
- (1) 1 GPM Fan Tip Nozzle
- (1) EPDM Rubber Hose
- (1) EPDM Replacement Seal Kit
- (2) Viton Check Valve Replacements
- (1) PTFE Pump Cup (Installed)
- (1) 2 Gallon Stainless Steel Tank
- (1) Extension Wand
- (1) Holster Strap
- (1) O-Ring Lubricant

VIDEOS

For questions about using the sprayer or changing the seals, visit FoundationArmor.com to view helpful videos about using and operating your sprayer.

HOW TO USE

STEP 1: Attach hose to handle, tighten.
STEP 2: Attach nozzle to shut off handle or extension rod, tighten.

STEP 3: PRE-USE CHECKLIST

- Check tightness of hose nut to be sure hose is securely attached to the tank outlet.
- Inspect the hose for deterioration, cracks, softness, brittleness, or holes. If any of these conditions are found, replace hose prior to use using only manufacturer's parts.
- Remove the pump and inspect the interior and exterior of the tank for signs of deterioration. Any sign of deterioration indicates possible tank weakening and could result in explosive bursting under pressure. If there are any signs of deterioration, discard tank immediately and replace. Do not attempt to patch leaks, cracks, wear, etc., as this could result in serious injury.
- Follow the FILLING, PRESSURIZING, and SPRAYING instructions, using only air, to inspect for leaks. Maintain 20 PSI for 2-3 minutes. Direct shut-off away from you and open to make sure discharge is not clogged. Ensure pressure gauge is functioning and accurate. If unit passes the leak and pressure test, empty tank and proceed with FILLING, PRESSURIZING, and SPRAYING instructions. If sprayer doesn't pressurize with all parts functioning and intact, contact a Foundation Armor Technician.
- Inspect all metal parts including the wand, nozzle, and fittings for rust, corrosion, pitting, and cracks. If any of these conditions are found, replace affected part with original manufacturer's part before using.

STEP 4: FILLING

- Turn the pump handle counterclockwise and remove pump
- Prepare liquid following all directions and safety information provided by the manufacturer of the liquid being used.
- Fill the tank to no more than 2 gallons. DO NOT over fill to accommodate the pump.
- Check the pump to make sure that no grass or dirt is stuck to the barrel. Replace the pump in tank and tighten securely.

STEP 5: PRESSURIZING

- Push handle down and turn clockwise until fully locked and sealed.
- To pressurize, push handle down and turn ¼ turn counterclockwise, then pump up and down until desired pressure is achieved. Once desired pressure is achieved, lock handle into place by pressing the handle down and turning ¼ turn clockwise.

STEP 6: SPRAYING

- For consistent spraying, push down on the shut-off handle and move locking mechanism away from you. To release, squeeze handle and move the locking mechanism toward you.

STEP 7: RELEASING PRESSURE

- With the pump pressure release valve facing away from you, pull the release valve ring until air begins to escape. Continue pulling escape valve ring until all pressure is released from the sprayer.

STEP 8: CLEANING, CARE, STORAGE, AND MAINTENACE

- Immediately after spraying, clean the sprayer using the instructions from the chemical/liquid manufacturer. Follow the FILLING, PRESSURIZING, and SPRAYING instructions, only do not fully pressurize. Do not allow chemical/liquid to sit in the container. Do not clean the tank with harsh liquids and chemicals such as Xylene, MEK, or other similar chemicals. Warm soap and water, or acetone are ok. Ensure you are using the correct cleaner for the chemical/liquid you are using in the sprayer.
- Open the shut-off and allow the recommended cleaning solution to run through the discharge assembly.
- Release the pressure according to the pressure release instructions, remove pump, and empty sprayer.
- Store sprayer tank upside down, with pump removed, in a warm and dry location.
- Periodically oil pump by dropping 10-12 drops of light oil down pump rod through opening in cover.

SPRAYER USES

Sprayer is resistant to many liquids and chemicals, but not all. Using a harsh liquid or chemical could result in the deterioration of seals or hoses. If this happens, replace necessary parts as needed.

Best uses for this sprayer: water and solvent based acrylic sealers, water repellent sealers, concrete densifiers and surface hardeners, and some mild cleaning solutions. Some chemicals can break down the seals. This sprayer is designed specifically for use with Foundation Armor sealers. If other sealers or chemicals are used in this sprayer, Foundation Armor is not responsible for damage to the sprayer or the seals.