

Progressive  
Solutions Corporation

# Agriculture 2009 Products

Manufacturing quality industrial  
products for over a decade.  
Still family owned and  
operated. Thank you.

*providing "PROGRESSIVE SOLUTIONS" for your industry.*

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Thank you for choosing Progressive Solutions Corporation. For over 20 years we have been family owned and operated, and have been working to continually perfect our products to be leaders in the marketplace. We take pride in manufacturing our products in the U.S.A., to the highest quality standards in the industry. By following this philosophy we ensure that our customers receive the best product available.



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## KLEEN KOTE™

**Revive/Brighten Paint  
On Antique Equipment**

**Preserve/Protect Paint  
On New Equipment**

**Repel Fertilizers,  
Mud, Dirt, Debris,  
Salt & Diesel Exhaust**

**Prevent Stickness  
On Hauling & Spreading  
Equipment**

KLEEN KOTE was first produced in 1995 as one of the original water-based release products for the construction industry. Now KLEEN KOTE is a proven success for the agriculture industry.

As a multi-use agricultural product -- from brightening paint to preventing corrosion to repelling mud and debris from sticking to equipment -- farmers, dealers and antique collectors have been able to save money and time.



When mixed, KLEEN KOTE deposits a very thin film, creating a virtually non-stick surface. KLEEN KOTE penetrates into the cracks and pores of the surface and fills them in--reviving the old paint of antique farming equipment, preserving and protecting the new paint and equipment from buildup of fertilizers, debris, salt, dirt, mud and diesel exhaust.

KLEEN KOTE eliminates the need for harsh soaps, detergents, wax or rubbing compounds. And, as an added benefit, KLEEN KOTE also protects your equipment from corrosion caused by fertilizers, the environment and storage.

**KLEEN KOTE™**

**Protect  
Equipment & Tools  
Against Corrosion**

**Polish  
Equipment & Vehicles  
Works Faster & Easier  
than Wax**

### Easy to Use

- Add water and spray directly onto equipment -- no special sprayers required!
- 5 gallons of concentrate will make 60 gallons of product at a ratio of 11 to 1.

### Economical

- Comes in concentrate form -- fully adjustable water-based product for various applications.
- Concentrate form reduces shipping costs and storage costs -- mix on an as-needed basis.

### Environmentally & User-Friendly

- Does not contain any silicones, solvents or phosphates.
- Will not contaminate the ground or agricultural products.
- Is not harmful to the touch -- no special clothing, gloves or masks needed.
- Ships in concentrated form to reduce environmental waste

### Durable Protectant

- Will not rinse off in rain -- this means you will not have to reapply after it rains.
- Acts as a rust inhibitor-protecting during use and while in storage.
- Revives and brightens paint on old equipment, protects paint on new equipment.

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## KLEEN KOTE™ - Agriculture and Hauling Equipment Instructions

- **Instructions for Using KLEEN KOTE On Hauling Equipment, Mower Decks, Hoppers, Manure Spreaders and Combines**
  - **Mix Ratio 8 to 1 thru 11 to 1 -- Depending Upon Results**
  - Use KLEEN KOTE to keep mud, debris, agricultural products, snow, salt and ice from sticking to hauling equipment, mower decks, hoppers, manure spreaders, snow plow blades and combines. It is an environmentally safe alternative to traditional release agents, diesels or other fuels. It also provides rust inhibiting qualities to help prevent corrosion.
- **Tips for Use**
  - Remove all previous release agents or coatings from the equipment prior to applying KLEEN KOTE to eliminate any adverse reaction between KLEEN KOTE and the previous coating.
  - For debris, agricultural products, mud and snow hauling, spray KLEEN KOTE once a day prior to your first use. In freezing weather, the bed or equipment must be warmed indoors prior to applying KLEEN KOTE.
  - KLEEN KOTE must turn from white to clear after it is sprayed on the bed before you start hauling.
  - If you wash the equipment with soap and water, you must re-apply KLEEN KOTE before hauling your next load.
- **Instructions**
  - **Step 1 – Determine Your Mix Ratio**
    - Please see the above starting mix ratios. Ratios can be adjusted based upon your results. They may be adjusted up or down in one part increments to achieve optimum results.
    - NOTE: The more concentrate you add the thicker and more protective KLEEN KOTE will be.
  - **Step 2 – Mixing**
    - Using a clean container, add KLEEN KOTE and water to achieve the recommended ratio for your application. Adding KLEEN KOTE to water and then adding more water will eliminate the need for mixing. Do NOT mix with diesel, fuels or oils. Do NOT mix with other release agents or chemicals.
  - **Step 3 – Application**
    - KLEEN KOTE may be applied at any time. For best results, the application surface should be cleaned prior to application. Remove all other release agents and chemicals before applying KLEEN KOTE.
  - **Step 4 – Spraying**
    - Spray on and then let change from white to clear before using the treated equipment. If KLEEN KOTE freezes on the surface you are treating, it will still work for certain applications. Reapply after every use.
  - **Typical Coverage Rates**
    - 1 gallon of mixed KLEEN KOTE will cover approx. 2000 square feet, depending on the surface type. Spray on for best performance and ease of application.
- **Notes**
  - DO NOT switch back and forth between KLEEN KOTE and other release agents due to possible incompatibilities.
  - You do not have to wait for the bed or equipment to dry after cleaning. KLEEN KOTE may be applied directly to a wet bed or equipment.
  - KLEEN KOTE can be applied as a polish to the cab to keep debris, agricultural product, mud, salt or snow from sticking to the surface. See Antique Farming Equipment Instructions for details on applying to the cab.
  - KLEEN KOTE may also be applied to the wheels and undercarriage to keep debris, agricultural products, mud, salt and snow from sticking.
  - In freezing weather, mix product as needed. Concentrate will not freeze however premix may freeze.
- **If you have any questions regarding the use of this product please feel free to contact Customer Support by telephone: 800.801.7832 – 847.639.7272 or via email: support@4progressive.com.**

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## KLEEN KOTE™ - Brightening, Polishing & Reviving Instructions

- **Instructions On Using KLEEN KOTE for Brightening, Polishing and Reviving Painted Surfaces**
  - o **Mix Ratio 11 to 1 -- For Brightening and Reviving Applications including on Antique Farm Equipment.**
  - o **Mix Ratio 15 to 1 -- For Polishing Applications including on Antique Farm Equipment and Vehicles.**
  - o KLEEN KOTE is an excellent choice to polish, brighten and revive your vehicles and/or equipment. In addition to protecting them from mud, salt, debris and diesel exhaust, KLEEN KOTE can be buffed to a shine or misted on the front or undercarriage and wheels of your vehicle and/or equipment to prevent bugs and other environmental debris from sticking.
- **Tips for Use**
  - o **DON'T'S**
    - Do NOT mix KLEEN KOTE with anything but water.
    - Do NOT allow KLEEN KOTE to come in contact with acids, soaps or other cleaning agents.
    - Do NOT apply KLEEN KOTE to windows, as it may cause streaking. You will need to use window cleaner to remove it.
    - Do NOT spray onto brake rotors.
  - o **DO'S**
    - Do mix KLEEN KOTE in a clean container.
    - Do wash the vehicle with soap and water prior to the first application of KLEEN KOTE. This is done to remove road grime and any built-up waxes or chemicals from past cleanings.
    - Do rinse vehicle of all chemicals and soaps after washing and prior to applying KLEEN KOTE.
    - Do apply KLEEN KOTE to under carriage of the vehicle at least once per week to help prevent build-up and corrosion.
  - o On severely sun dried paint KLEEN KOTE may need to be applied several times and allowed to soak in. This will help revitalize the color of the paint.
- **Instructions**
  - o **Step 1 – Determine Your Mix Ratio**
    - Please see the above starting mix ratio. Ratios can be adjusted based upon your results. They may be adjusted up or down in one part increments to achieve optimum results.
      - NOTE: The more concentrate you add the thicker and more protective KLEEN KOTE will be.
      - Ratios containing less water and more KLEEN KOTE will provide greater protection from stickage and corrosion
  - o **Step 2 – Mixing**
    - Using a clean container, add KLEEN KOTE and water to achieve the recommended ratio for your application. Adding KLEEN KOTE to water and then adding more water will eliminate the need for mixing. Do NOT mix with diesel, fuels or oils. Do NOT mix with other cleaning or polishing agents.
  - o **Step 3 – Application**
    - KLEEN KOTE may be applied at any time. For best results, the application surface should be cleaned prior to use. Remove all other chemicals and/or soaps before applying KLEEN KOTE.
  - o **Step 4 – Spraying / Polishing**
    - KLEEN KOTE is best applied with a spray applicator to small sections of the vehicle at a time.
    - Mist KLEEN KOTE on, and then polish it in with a damp cloth before the product changes from white to clear, until the film is barely visible.
      - Then buff with a clean, dry towel that is moistened with KLEEN KOTE. Reapply after every wash.
        - o Ratios containing more water and less KLEEN KOTE will provide a higher shine and collect less dust.
        - o Ratios containing less water and more KLEEN KOTE will provide greater protection from stickage and corrosion.
  - o **Step 5 – Subsequent Cleanings**
    - For subsequent cleanings, you do not need to wash the entire vehicle with soap and water. Simply rinse or power wash any heavy build-up off the vehicle and repeat Step 4.
      - For vehicles without heavy build-up and having a prior application of KLEEN KOTE, the user may simply spray KLEEN KOTE on the vehicle and wipe with a damp rag. Then repeat Step 4 if desired.
- **Notes**
  - o Vehicles and equipment that do not need a high polish can simply be power washed with water only, then sprayed with KLEEN KOTE and wiped down. The product does not have to be buffed.
  - o Areas that can be polished:
    - Body, cab and wheels
  - o Areas that should not be polished:
    - The undercarriage should be sprayed weekly to help prevent mud from sticking and corrosion. Wheels may be sprayed and left or they may be polished, depending upon your personal preference. Any time KLEEN KOTE is sprayed and left to go clear, it will collect more dust but will provide greater protection.
  - o In freezing weather, mix product as needed. Concentrate will not freeze however premix may freeze.
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## KLEEN KOTE™ - Corrosion Prevention Coating Instructions

- **Instructions for Using KLEEN KOTE As a Corrosion Prevention Coating**
  - **Mix Ratio 8 to 1**
  - Use KLEEN KOTE to prevent corrosion. It is an environmentally safe, easy to use alternative to traditional methods of preventing corrosion. KLEEN KOTE's rust inhibiting qualities will help prevent corrosion on any part of your equipment or vehicle while in use and for long term storage.
- **Tips for Use**
  - Remove all previously applied corrosion prevention chemicals or coatings and/or other chemicals from the area to be treated PRIOR to applying KLEEN KOTE. This will prevent any adverse reaction between KLEEN KOTE and any chemical residue previously left behind.
  - KLEEN KOTE must turn from white to clear after it is sprayed to provide maximum protection.
  - Reapply after every wash. Harsh chemicals are not needed to remove KLEEN KOTE. Soap and water can be used when required.
  - KLEEN KOTE can be applied to a damp surface.
- **Instructions**
  - **Step 1 – Determine Your Mix Ratio**
    - Please see the above starting mix ratio. Ratios can be adjusted based upon results. They may be adjusted up or down in one part increments to achieve optimum results.
    - NOTE: The more concentrate you add the thicker and more protective KLEEN KOTE will be.
  - **Step 2 – Mixing**
    - Using a clean container, add KLEEN KOTE and water to achieve the recommended ratio for your application. Adding KLEEN KOTE to water and then adding more water will eliminate the need for mixing.
    - Do NOT mix with diesel, fuels or oils. Do NOT mix with other release agents or coatings.
  - **Step 3 – Application**
    - KLEEN KOTE can be applied at any time. For best results, the application surface should be cleaned prior to application. Remove all other chemicals prior to applying KLEEN KOTE.
  - **Step 4 – Spraying**
    - Spray on and then let change from white to clear. If KLEEN KOTE freezes on the surface you are treating, it will still work. Reapply after every use.
  - **Typical Coverage Rates**
    - 1 gallon of mixed KLEEN KOTE will cover approximately 2000 sq. feet (185 sq. meters), depending on the surface type. Spray on for best results and ease of application.
- **Notes**
  - DO NOT switch back and forth between KLEEN KOTE and other corrosion prevention coatings due to possible incompatibility.
  - You do not have to wait for the equipment or vehicle to dry after cleaning. KLEEN KOTE may be applied directly to the wet surface.
  - In freezing weather, mix product as needed. Concentrate will not freeze however, premix may freeze.
- **If you have any questions regarding the use of this product please feel free to contact Customer Support by telephone: 800.801.7832 – 847.639.7272 or via email: support@4progressive.com.**

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Case Study: 0006-08

## Superior Coating Company

**Location:** Chillicothe, MO USA

**Industry:** Agriculture

**Product:** KLEEN KOTE



As featured in March 2008  
Successful Farming Magazine

After  
Note the change  
in color even on the decals



Photographer: Doug Herherington

Before



### Background:

Jim Deardorff is no stranger to restoring antique farming equipment. As a professional painter and sandblaster, Jim of Superior Coating Co. used rubbing compounds and wax on tractors and combines for a new shine before sale. Many of his customers saw paint failures caused by salts from the roads and sulfates from diesel exhaust. Jim warns against using detergents to remove these aggressive contaminants because they can harm the paint, and as most collectors know, the less damage to the paint and equipment, the better the resale value. Jim was looking for a better solution to removing the contaminants and reviving the paint.

### Use:

Jim applied KLEEN KOTE to displace the dirt and grime to create a nonstick surface on equipment. This nonstick surface allows for the paint and equipment surface to become protected against buildup, fading and corrosion caused by the environment and use. Whether Jim is repainting or repairing the equipment, he applies KLEEN KOTE instead of a rubbing compound or wax.

### Results:

- **Revives Painted Surfaces** – Penetrating into the tiny cracks and pores, KLEEN KOTE fills them in leaving a clean, shiny surface that makes older paint look newer and protects newer paint.
- **Easy to Use** – Mixed with water and sprayed on the entire machine or piece allows for complete protection against, dirt, debris and corrosion caused by use and the environment.
- **Innovative** – A first of its kind, KLEEN KOTE is a water-based coating that will not rinse off in the rain and can easily be removed with a detergent.
- **Environmentally & User Friendly** – KLEEN KOTE does not contain any silicones, solvents or phosphates and is water-based. It will not harm the equipment, electronics, or controls and will not contaminate or harm agricultural products.
- **Durable Protectant** – KLEEN KOTE saturates the paint creating a nonstick surface that will not rinse off in the rain and protects the equipment from corrosion and deterioration of the paint. KLEEN KOTE is used as a protectant during winter storage to prevent rust and salt corrosion, and fading of the paint in the spring/summer months.

Superior Coating Co. is just one of many companies in the agricultural industry that has successfully used KLEEN KOTE on equipment and continues to use it to protect and preserve some of the most precious antique equipment from the harsh exposures of the environment.



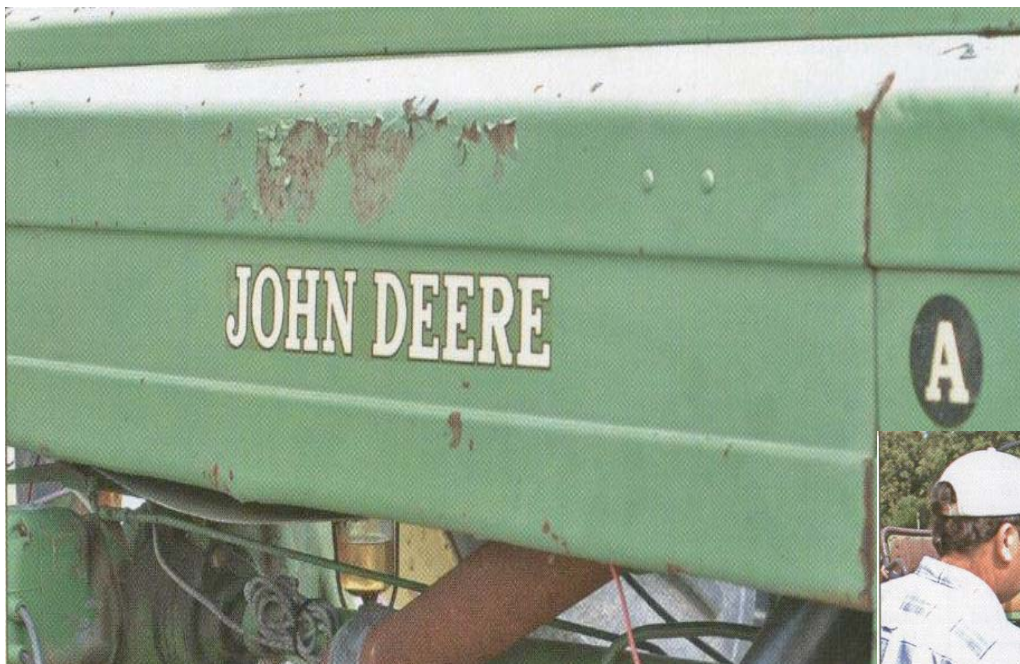
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Case Study: 0006-08

## Superior Coating Company



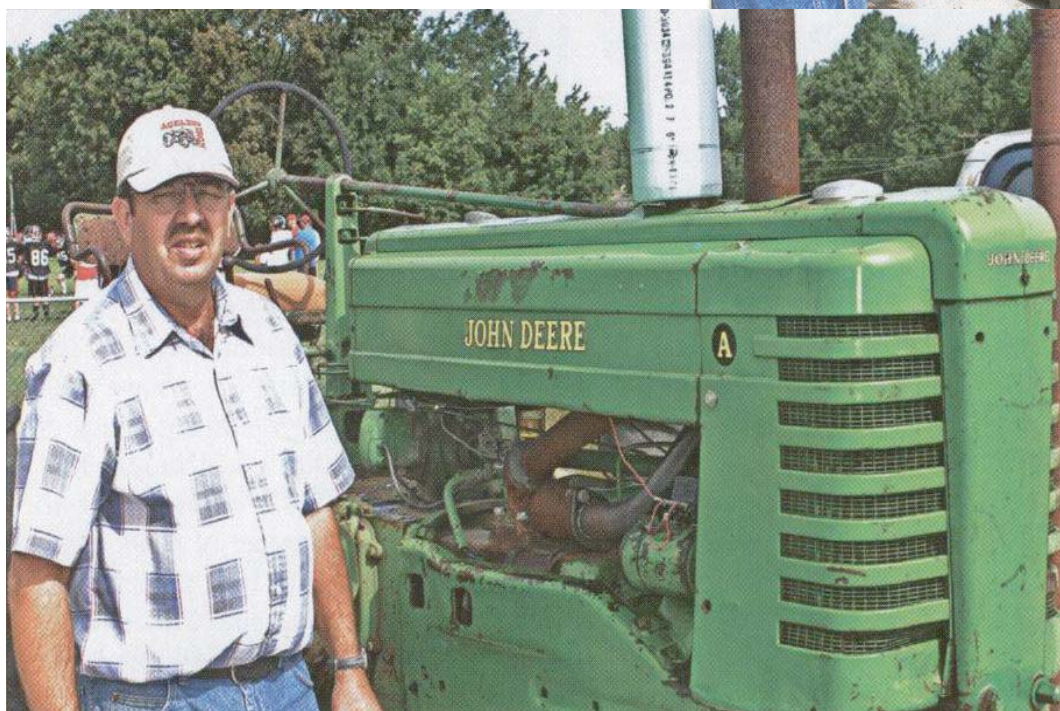
Photographer: Doug Herherington



### KLEEN KOTE Restores Paint on Antique Farming Equipment

Jim Deardorff of Superior Coating, Co. put KLEEN KOTE to the test.

Instead of rubbing compounds or wax, Jim sprayed KLEEN KOTE directly onto the cleaned antique equipment and without any rubbing, Jim saw a significant brightness to the original paint!





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## REAL Pump™ Power Spraying System

Can easily spray from any container including 1 gal., 5 gal. and 55 gal. sizes. Also, attach to any standard garden hose to spray water or extend the suction line.



The only power spraying system on the market designed to be tough enough to replace gas engine power sprayers and easy enough on your wallet to replace pump-up can sprayers.

### Reduces Labor Costs

- Saves time by eliminating the need to stop spraying and pump up or refill your traditional can sprayer.
- Eliminates the need to stop and refuel your gas-engine powered sprayer.
- Can easily spray enough product to cover 3600 sq. ft in about 5 min. at approx. 75psi and is self-adjusting to the viscosity of the product being sprayed.

### Portable, Easy to Use and Versatile

- The entire unit is self contained and weighs only 45 lbs. - light enough for one person to move and will sit on a truck, trailer or the container to spray from - the unit goes where you and your equipment go!
- Comes with 100 feet of 3/8" hose and hose extension kits are available up to an additional 100'--making it easy to spray all types and sizes of equipment.
- Can spray high viscosity and high solids products and will not separate water based products as roller pumps can.

### Reduces Material Cost

- The REAL Pump provides a constant pressure eliminating wasted material from over spraying or losing your place when you stop to pump-up or refill a traditional can sprayer.
- By eliminating the need to fill up can or bottle type sprayers you reduce spillage.
- Self-Purging eliminates left over product being left in the hose.

### Easy to Clean

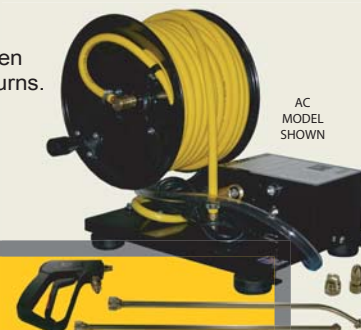
- Open flow quick connect fittings allow for circulation, and the pump has the capability to purge excess contents out of unit -- both make for easy cleaning.
- Re-circulates cleaning solutions for easy cleaning.

### Reliable

- The REAL Pump Power Spraying System has a solid, field proven track record since 1996. That's over 12 YEARS without any returns.

### Options

- Use the available pressure activated re-circulator to circulate products that need continual mixing.



## DESIGNED TO SPRAY

**Acids (special wand required) : Bleach Solutions : Fertilizers : Cleaners  
Form Oils & Other Release Agents : Concrete Sealers : Pesticides  
Curing Compounds (Including White Wax Cures, High Viscosity & High Solids Products)  
Stains : Herbicides : Deck Sealers & Cleaners : And Many Other Products**

- All Steel Construction for Durability
- Large Rubber Feet for Stability
- Ships Fully Assembled
- Multiple Power Options Available Including
  - 115VAC includes standard 9' power cord
  - 230VAC includes standard 9' power cord ("EU" or "AUS")
  - 12VDC includes standard 25' power cord w/ battery clamps
- Complete Spray Control Kit Includes
  - 1 - Spray Control Gun with comfort grip handle and quick connect, open flow fittings
  - 1 - 18" Straight Brass Wand Section
  - 1 - 18" Curved Brass Wand Section
  - 1 - 1gal. per minute Brass Fan Tip
  - 1 - Adjustable Brass Fan Nozzle
- 100' Safety Yellow 3/8" Chemical Resistant Hose with quick connect open flow fittings
- Chemical Resistant Diaphragm and Seals in Pump and Reel
- Utilizes a circuit breaker instead of fuses. Protecting the operator and eliminating the need to search for fuses.
- Pressure sensitive switch shuts off pump when you stop spraying, to prevent bursting hoses and product separation or damage.
  - This feature can be by-passed with our pressure activated re-circulator to continuously re-circulate and mix the product you are spraying.

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## PN: 64224 & 64225 - 8'(2.5m)-24'(7.3m)Telescoping Spray Lance

This telescoping, adjustable height spray lance makes extended height and distance applications easy to reach up to 40 feet (12.2 meters) when using the cone nozzle provided. Drastically reducing your application times and improving the safety of your employees. At only 8 lbs. (3.5 kgs.) the adjustable lance is light weight and easy to maneuver. This application lance has been designed with a coil hose on the outside, making it easier to clean or replace when needed. Using a coil type hose has eliminated the extra hose, normally lying at your feet, that is typically associated with telescoping spray lances.

### • FEATURES

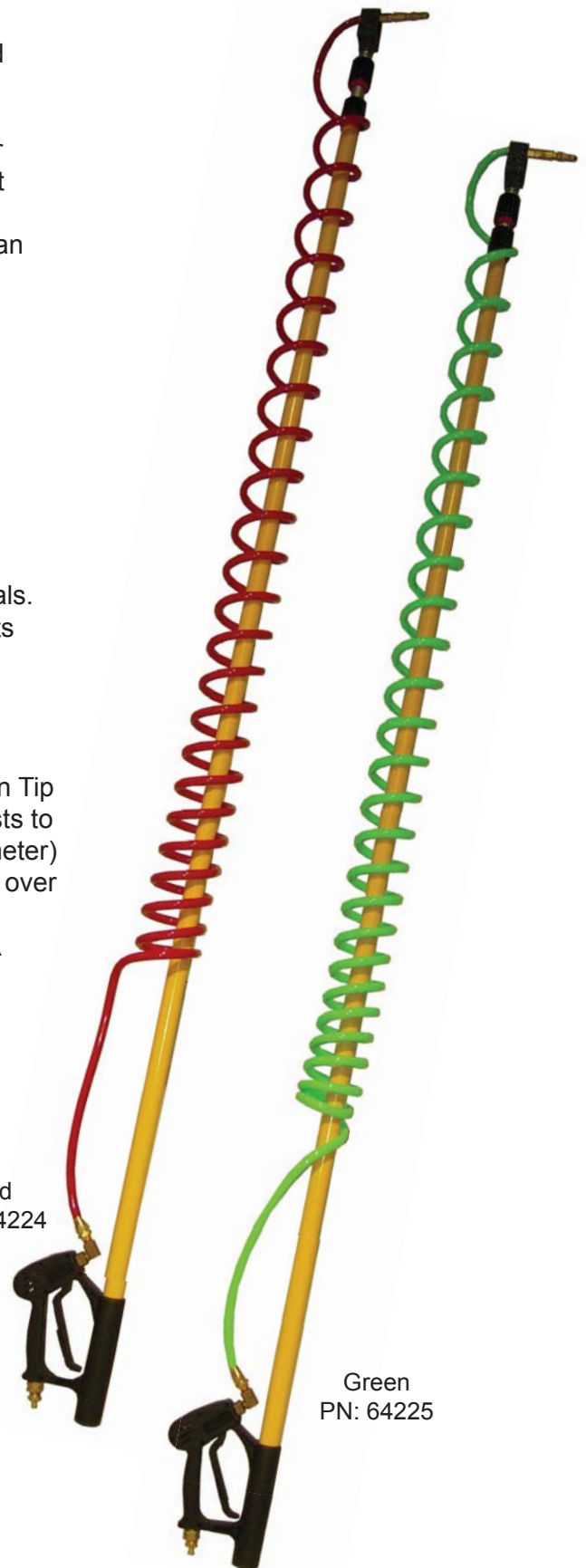
- Quick Connect Fitting - Will easily connect to the REAL Pump *Power Spraying System*.
- Heavy Duty Chemical and Crush Resistant Hose Available in two colors.
- High Impact, Fully Adjustable Plastic Spray Tip Holder.
- Large, Comfort Grip Spray Control Handle w/ Viton Seals.
- Composite Fiberglass, Telescoping Pole - Easily Adjusts from 8 feet (2.5 meters) to 24 feet (7.3 meters) with application spray heights up to 40 feet (12.2 meters) when using cone nozzle.
- Interchangeable, Quick Connect Spray Tips
  - 1 gallon per minute Quick Connect 110 deg. Fan Tip
  - Adjustable, Quick Connect Cone Nozzle - Adjusts to create a fine mist or an additional 18 foot (5.5 meter) spray pattern for an overall effective distance of over 40 feet (12.2 meters).
- Telescoping Pole Can Also Be Converted For Use As A Scraper Handle. (*Scraper attachments coming soon*)



Quick Connect Spray Tip  
Close Up

Red  
PN: 64224

Green  
PN: 64225



- If you have any questions regarding the operation of this product please feel free to contact Customer Support by telephone: 800.801.7832 -- 847.639.7272 or via email: support@4progressive.com

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## PN: 60000 - Barrel Heater - 110VAC Powered

- The AC Powered Barrel Heater is designed for use on metal or plastic drums to keep you water based products from freezing and your petroleum based products from becoming un-usable during the cool fall and cold winter months. This barrel heater has been designed to quickly and efficiently raise and maintain the temperature of materials in metal and plastic 55 gallon drums.

- **Features**

- Easy to Use - Simply plug it in. A 3-prong, six foot power cord included.
- Easy to Adjust - Simply turn the dial up or down.
- Self Regulating - Cycle on and off as needed.
- Use with our Barrel Cover PN62000 to prevent heat loss.

- **WARNINGS**

- DO NOT USE IN HAZARDOUS LOCATIONS.
- DO NOT USE FOR IMMERSION OR WET LOCATION APPLICATIONS.
- DO NOT USE ON CLOSED CONTAINERS WITHOUT ADEQUATE PRESSURE VENTING DEVICES TO PREVENT EXPLOSION.
- DO NOT OPERATE A HEATER THAT IS MALFUNCTIONING OR DAMAGED. HEATER SURFACE MAY GET VERY HOT DURING OPERATION. DO NOT HANDLE OR ALLOW CONTACT DURING OPERATION.
- HEAT WILL RADIATE FROM THE HEATER SURFACE TO SURROUNDING OBJECTS. DO NOT USE IN CONTACT WITH OR NEAR FLAMMABLE MATERIALS.
- DO NOT HEAT THERMALLY UNSTABLE PRODUCTS.
- USE ON PLASTIC DRUMS OR METAL DRUMS THAT HAVE BEEN GROUNDED.

- **Instructions**

- **Step 1 - Prepare**

- Do NOT use heater until you have fully read and understand these instructions.

- **Step 2 - Safety**

- Be sure the heater is clean & inspect the heater for damage. Do NOT use a damaged heater.
- For maximum electrical and fire safety, the heater should only be used on an electrically grounded metal 55 gallon drums or plastic 55 gallon drums.
- Inspect the container to be heated. The area the heater will be positioned should be free from sharp edges, large dents, debris, etc. The heater band must fully contact the container to prevent overheating the heater band.
- The container should be properly vented during the heating process. Consult the MSD Sheet of the product before heating and follow any recommended safety precautions.
- Protect the power supply cord and any extensions from damage during operation. Only use extension cords approved for the location.

- **Step 3 - Installation**

- The container must be sitting vertically and the heater should be positioned low on the container. The heater must always be positioned below the fluid level. **DO NOT OPERATE HEATER ON AN EMPTY DRUM!**
- Wrap and clamp (see fig.1) band heater around drum.
- Pull on spring, at the same time hold the hook end of the heater against the drum.
- Place a loop of the spring over the hook (see fig.1). Be sure the heater has good contact with the drum.

- **Step 4 - Power**

- Plug the power supply cord into an appropriate source of power (will draw approx. 12.5 amps). If any sparking is seen or heard, unplug the heater. Do not use the heater.

- **Step 5 - Adjustment**

- To set the thermostat to the lowest temperature, rotate the knob to the full counter-clockwise position. The full clockwise position is the highest temperature setting. (see fig.2)
- The approximate range is from 50 degrees to 160 degrees with an over temp thermostat at 175 degrees.

- **Step 6 - MORE SAFETY**

- DO NOT touch the outside surface of the heater while it is in operation. It can get very hot and could cause personal injury. Wear thermally protective clothing if you must work around the heater while it is in operation. Follow the same precautions when removing a heater from a hot container. CHECK THE TEMPERATURE OF THE PRODUCT OFTEN. Overheating of some products may cause an explosion of the drum and/or fire.
- Place heater in a safe location to cool. After the heater has cooled to handling temperature, roll it up and store it in a safe location to prevent damage and contamination

- **If you have any questions regarding the operation of this product please feel free to contact Customer Support by telephone: 800.801.7832 – 847.639.7272 or via email: support@4progressive.com.**

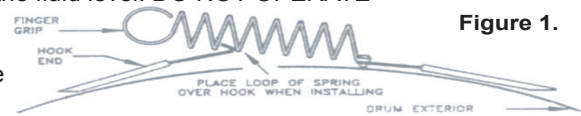


Figure 1.



Figure 2.

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## PN: 62000 - Insulated Barrel Cover

- Heat your barrels faster and keep them warm longer by preventing heat loss with an Insulated Barrel Cover. Our insulated drum covers help increase heating efficiency and reduce operating expenses.
- **Features**
  - Slip fit over 55 gallon drums with handles for easy removal.
  - Made of flame and fire retardant material.
  - Bung flaps with velcro for easy access to drum openings.
  - Can be custom made to suit special applications.
  - Use with our Barrel Heater PN:60000 to keep material in drums from freezing or becoming unusable.



- If you have any questions regarding the operation of this product please feel free to contact Customer Support by telephone: 800.801.7832 -- 847.639.7272 or via email: support@4progressive.com

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## PN: 67000 - Pressure Activated Re-Circulator

- This Pressure Activated Re-Circulator is a must have if the products you are spraying need to be continuously circulated. It can be installed in minutes and is easily adjustable. Simply adjust the pressure setting from 50 to 175 PSI and the re-circulator will automatically open.

- **Features**

- Easy to install on your current power sprayer.
- Can be turned on or off and is easily adjustable.
- Durable all brass construction.

- **WARNINGS**

- BEFORE USE - ALWAYS CHECK FOR LOOSE HOSE CONNECTIONS.
- BEFORE USE - ALWAYS CHECK THAT THE RE-CIRCULATION HOSE IS INSERTED INTO A CONTAINER OR A SPILL WILL OCCUR.
- DO NOT USE ON CLOSED CONTAINERS WITHOUT ADEQUATE VENTING.
- DO NOT USE A RE-CIRCULATOR THAT IS DAMAGED OR MALFUNCTIONING.

- **Instructions**

- **Installation Instructions**

- The re-circulator comes fully assembled and includes two (2) 5/8" hose clamps for installation.
- **Step 1 - Choose Location**
  - To install the re-circulator, identify the output side of your power sprayer.
    - Recommended Locations:
      - RP - Between the pump cover and the base of the reel on the 3/8" yellow hose.
      - SP - Where the 3/8" yellow hose comes out of the pump cover.

- **Step 2 - Cut**

- Cut the hose in a location that will allow the easy installation of the re-circulator and the two (2) 5/8" hose clamps.

- **Step 3 - Install**

- On the hose section that was just cut, slide one (1) hose clamp over each cut end and insert the 3/8" hose barbs on the tee into the cut end sections of the hose (See fig.1).

- **Step 4 - Tighten**

- Securely tighten the hose clamps over the hose and the hose barbs. Check these connections prior to every operation.

- **Operation Instructions**

- Once installed, the re-circulator can easily be adjusted between 50 and 175 PSI. These settings are clearly marked on the knurled knob.

- **Step 1 - Adjust and Secure**

- Simply twist the knob counter-clockwise to the 50 PSI mark and secure the re-circulation hose into the container from which you will be spraying.

- **Step 2 - Turn on Sprayer**

- Power on your sprayer and prime as normal.
- When the sprayer is fully primed, release the shut off handle and the power sprayer will build up enough pressure to activate the bypass valve.
- Product should now be flowing through the clear re-circulation hose back into the container.

- **Step 3 - Adjust**

- When spraying high solids or high viscosity products, the re-circulator may need to be adjusted to a higher PSI to prevent the re-circulator from activating while spraying.
- This is done by rotating the knurled knob clockwise. Only adjust pressure slightly higher than necessary to prevent activation during spraying applications (See fig.2).
- To turn the re-circulator "OFF", simply rotate the knurled knob clockwise to the 175 PSI mark or as far as the knob will rotate.
  - If your sprayer generates more than 175 PSI of pressure you may need to install a ball type shut off valve on the clear re-circulation hose to prevent circulation. This is not necessary for REAL Pump and Spray 'N' Pail products.

- **Step 4 - Clean**

- When finished spraying, be sure to allow some of the cleaning solution being used to clean the sprayer to pass through the re-circulator.
- Failure to clean the re-circulator properly may cause the valve to stick rendering the re-circulator non-operational.

- **If you have any questions regarding the operation of this product please feel free to contact Customer Support by telephone: 800.801.7832 - 847.639.7272 or via email: support@4progressive.com**



Figure 1

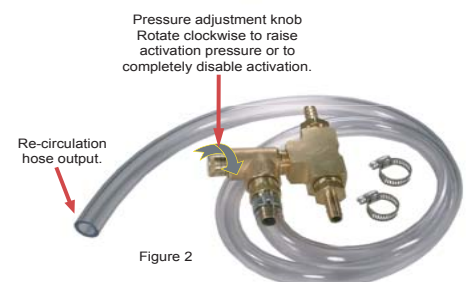


Figure 2

providing "PROGRESSIVE SOLUTIONS" for your industry.

## PN: 68000 - High Pressure Washer Injector

- It is designed specifically for injecting chemicals, soaps and KLEEN KOTE into the water of your power washing system, this injector simply threads on to the high pressure or output side of your pump. Injecting the chemicals on the output side of the pump allows you to easily clean your equipment or forms with soaps or chemicals that normally cannot pass through the power washer's pump. This injector allows you to easily pre-treat your equipment with KLEEN KOTE for its next use.

- **Features**

- Two adjustment knobs that change the water AND the injection flows.
- 8 feet of chemical resistant vinyl hose.
- All solid brass fittings.

- **WARNINGS**

- CHECK ALL CONNECTIONS AND HOSES PRIOR TO OPERATION.
- DO NOT USE AN INJECTOR THAT IS MALFUNCTIONING OR DAMAGED.
- ALWAYS INSTALL ON THE OUTPUT SIDE OF THE PUMP WHEN INJECTING CHEMICALS OTHER THAN KLEEN KOTE. MOST CHEMICALS WILL DAMAGE THE PUMP IF INJECTED THROUGH IT.
- WHEN USING KLEEN KOTE THE INJECTOR MAY BE INSTALLED ON EITHER SIDE OF THE PUMP AS KLEEN KOTE WILL NOT DAMAGE THE PUMP.

- **Instructions**

- **Installation Instructions**

- The injector may be used on the upstream or downstream side of the pump
- **Step 1 - Upstream Side of the Pump**
  - For Use with KLEEN KOTE only. Harsh chemicals will damage your pump when injected through the pump.
  - Attach the injector on the upstream side of the pump. The upstream side covers a flow range from .5 to 3.5 gallons per minute.
- **Step 2 - Downstream Side of the Pump - Recommended**
  - For use with harsh chemicals, detergents and may also be used with KLEEN KOTE.
  - Attach the injector on the downstream side of the pump.
  - The downstream side flow rate is from 2.0 to 8 gallons per minute with a maximum pressure of 3500 psi and a maximum operating temperature of 180 degrees. The downstream use of the injector allows for the most versatility.

- **Operation Instructions**

- The injector has two adjustment knobs (fig.1) that change the water flow and the injection flow. This allows you to use the injector with most types of power washers.

- **Step 1 - Water Flow Adjustment Knob**

- The water flow is controlled by means of an external adjustment knob (fig.2) that allows the injector to be placed on either the upstream or downstream side of your power washer.
- Turning the knob clock-wise will increase the water flow causing the KLEEN KOTE or other chemicals to be mixed in at a slower rate - more water, less chemical.
- Turn the knob counter-clockwise will restrict the water flow causing the KLEEN KOTE or other chemicals to be mixed in at a faster rate - less water, more chemical.

- **Step 2 - Injection Flow Adjustment Knob**

- The injection adjustment flow is controlled by another external adjustment knob (fig.3) and allows you to adjust the amount of KLEEN KOTE or chemicals that are mixed into the water.
- Turning the knob clockwise restricts the flow of KLEEN KOTE or other chemicals into the water effectively raising the mix ratio - more water, less chemical. Turning the injector adjustment knob clockwise until it is tight will stop the flow of KLEEN KOTE or chemicals into the water, allowing you to simply pressure wash something without removing the injector.
- BE AWARE THAT THE GPM OF THE POWER WASHER TIPS YOU CHOOSE WILL AFFECT THE OVERALL FLOW AND OPERATION OF THIS INJECTOR. If the injector does not seem to be functioning properly, the tip GPM may be too low.
- The injection rates are dependent on gallons per minute and pressure, but the metering barb on the chemical inlet makes this injector adjustable from 0% to 13%.
- Adjusting the knob to the closed position (0%) allows you to stop the flow of KLEEN KOTE or chemicals so you may just use water when power washing.

- **If you have any questions regarding the operation of this product please feel free to contact Customer Support by telephone: 800.801.7832 -- 847.639.7272 or via email: support@4progressive.com**

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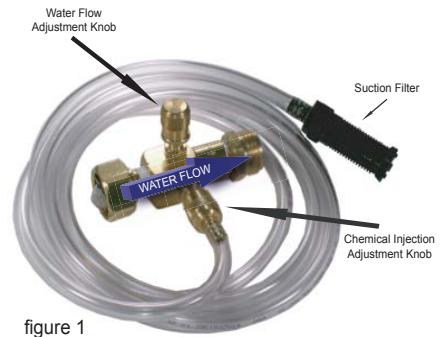


figure 1

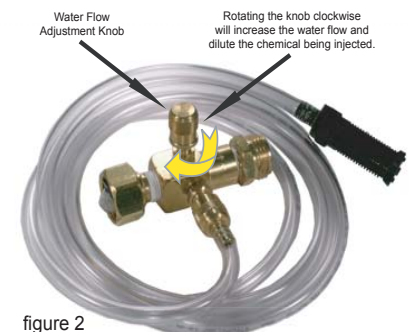


figure 2

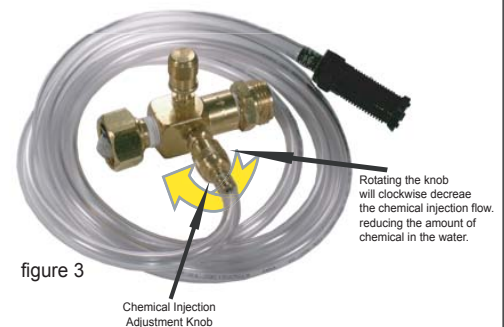


figure 3

providing "PROGRESSIVE SOLUTIONS" for your industry.

## Spray Tips, Nozzles, Wands & Control Guns




- For quality spray control guns, wands, spray nozzles and tips look no further. Please see below for a complete listing of available products.

### • Features




- Many sizes and types available.
- Viton seals and gaskets.
- Quality construction.










### Spray Control Guns:

PN	Description
66100 	Spray Control Gun w/ Quick Connect
66000 	Spray Control Gun w/ SlipOn End
66300 	Spray Control Gun w/ Quick Connect For Telescoping Handle






### Straight Extensions:

PN	Description
64000 	12" Straight Wand Extension
64001 	18" Straight Wand Extension
64002 	24" Straight Wand Extension




### Spray Tips and Nozzles:

PN	Description
65010 	0.5 gal per min Fan Tip, Male
65020 	1 gal per min Fan Tip, Male
65100 	0.2 gal per min Fan Tip, Female
65110 	0.5 gal per min Fan Tip, Female
65120 	1 gal per min Fan Tip, Female
65130 	Adj Brass Cone Nozzle, Female
65140 	Adj Brass Fan Tip, Female

### Curved Wands:

PN	Description
64010 	12" Curved Wand, Male
64011 	18" Curved Wand, Male
64012 	24" Curved Wand, Male
64111 	18" Curved Wand, Female
64112 	24" Curved Wand, Female

### Kits:

PN	Description
69100 	"REAL" Pump Stock Wand Kit
69101 	"Real Pump 100' Hose Extension Kit
69102 	"REAL" Pump Hose Replacement Kit

- If you have any questions regarding these products please feel free to contact Customer Support by telephone: 800.801.7832 -- 847.639.7272 or via email: support@4progressive.com