

## CONSERVATION

With Aerosolv, conserve dollars while saving precious landfill space.

- Solid waste disposal of aerosol cans averages \$5/can.
- Fines for improper disposal can reach \$25,000.
- The cost of Aerosolv is recouped after puncturing as few as 100 cans.

### #28202 Aerosolv Can Recycling System includes:

- Puncturing unit with separate plastic sleeve
- Anti-static wire
- Coalescing carbon filter
- Safety goggles

### REPLACEMENT ACCESORIES FOR #28202



#### #28224

Combination coalescing/carbon filter



#### #28223

Carbon cartridges (2 pk)



#### #28200

Maintenance Repair Kit: includes puncture pin with o-rings, aeroprene gasket, bridge pins, spring and tube of grease



#### #28111

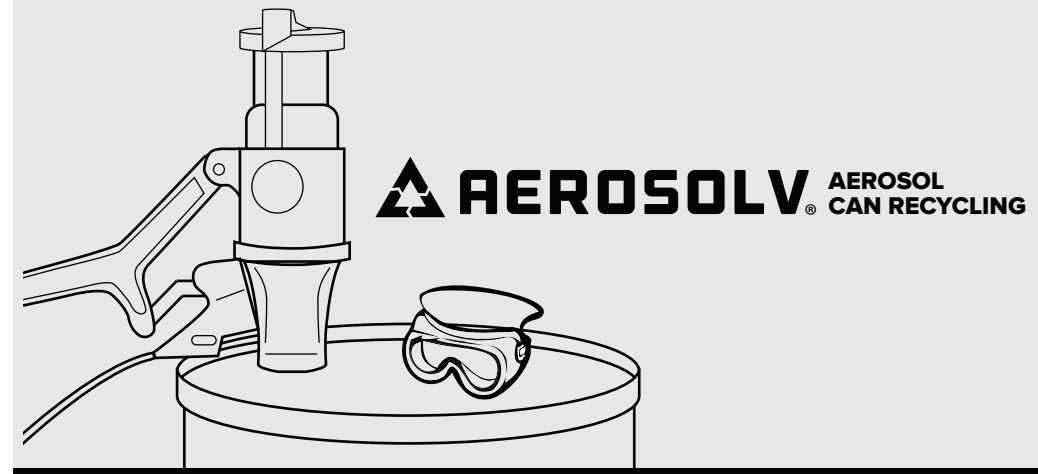
Aeroprene Gasket



**Justrite**<sup>™</sup>

justrite.com

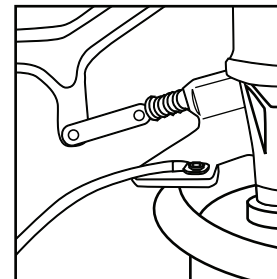
800-798-9250



## SAFETY INSTRUCTIONS

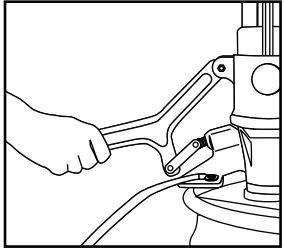
1. Wear safety goggles while operating Aerosolv.
2. DO NOT use Aerosolv while smoking or near open flame.
3. Install Anti-Static Wire to properly "ground" drum.
4. Combination Filter MUST be installed prior to using Aerosolv, Replace Carbon Cartridge as indicated.
5. DO NOT use Aerosolv on a drum with less than 20-gallon capacity.
6. Remove Aerosolv to an empty drum once collection drum is 70% full (when contents reach within 10" of the top).
7. Always engage sliding top plate against can being punctured.
8. Always operate AEROSOLV system outdoors or in a well-ventilated area.
9. **Tip:** Avoid puncturing aerosol cans of cold galvanizing compound or insulation foam, unless can is empty.

## AEROSOLV<sup>®</sup> INSTALLATION



- **Aerosolv Unit:** Thread Aerosolv into 2" bung of drum, Rotate clockwise until ground support plate firmly engages drum rim. See lower right side of photo.
- **Filter:** Thread directly to 3/4" bung of drum.
- **Anti-Static Ground Wire:** Attach ring terminal of Anti-Static Wire to brass screw on Aerosolv Ground Support Plate
- Attach alligator clip of Anti-Static Wire to any nearby confirmed ground source, ex: metal pipe.

## USING AEROSOLV®

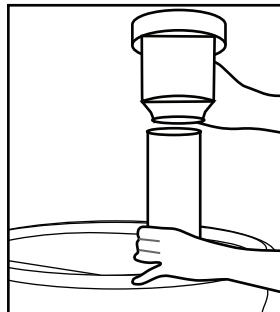


- Wear safety goggles while operating Aerosolv
- Insert aerosol can, NOZZLE END DOWN, into Aerosolv housing sleeve, so that shoulder of can rests on gasket. For 1" "mini-cans", push shoulder of can beyond gasket. Be sure to remove cap from aerosol can prior to insertion.
- When puncturing "jumbo" cans, remove white plastic sleeve from Aerosolv housing, then insert can as above.

- Lower sliding top plate and FIRMLY engage against plastic sleeve or bottom of "jumbo" can. TIGHTEN lock knob.
- Push handle down firmly until completely depressed and hold in place while can releases initial pressure. Slowly raise the handle and immediately depress, this will control the rate of pressure and content evacuation from the aerosol can. In order to prevent back pressure, allow the contents of the can to drain into the collection drum (about 20 seconds).
- After removing punctured can, lower sliding top to rest on plastic sleeve to seal collection drum. For "jumbo" cans, replace plastic sleeve prior to lowering sliding top plate.

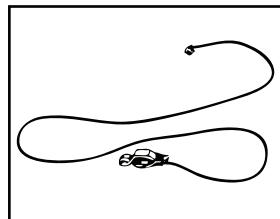
## AEROSOLV® FILTER

- Replace Activated Carbon Cartridge (upper portion) every 3 months or 750 cans; more frequent change-outs may be necessary based on use. Remove spent Activated Carbon Cartridge by turning counter-clockwise while holding in place Coalescing Cartridge (bottom portion). Replacement of the Activated Carbon Cartridge will prolong the life of the entire Combination Filter.
- Replace the entire Combination Filter every 9 months, 2250 cans, or after the Activated Carbon Cartridge (upper portion) is changed-out twice. To replace simply order a Combination Filter, which includes the Coalescing Cartridge and the Activated Carbon Cartridge.



## AEROSOLV® ANTI-STATIC WIRE

OSHA requires that liquid storage vessels be grounded to prevent static electricity build-up. The Aerosolv System includes an Anti-Static Wire for user convenience.



## AEROSOLV® MAINTENANCE

*Periodic cleaning and greasing of the puncture pin will assure years of use. With constant, heavy usage, the puncture pin should be cleaned and greased once a month.*

- To clean or replace puncture pin, remove bridge pin at uppermost point of handle. Entire handle mechanism and puncture pin can be removed.

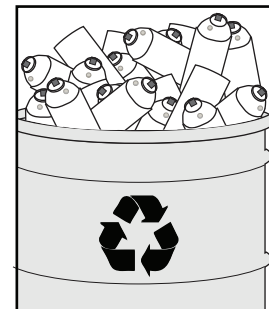
*Gasket deterioration will occur when venting aerosol paints and aggressive solvents, requiring periodic gasket replacement. To assure proper seal during Aerosolv usage, check gaskets frequently and replace as required.*

- To replace gasket, remove white plastic sleeve from Aerosolv housing, then simply pull out old gasket and snap in replacement.

## COMPLIANCE

- *By bringing the propellant to atmospheric pressure, Aerosolv achieves compliance with:*
  - › 40 CFR 261.7(b)(1)
  - › 40 CFR 261.7(b)(1)(B)(2)
  - › 40 CFR 261.23(a)(6)
- *Once relieved of pressure, aerosol cans are not regulated waste (OSWER Directive 9432.01 (80)). In addition, puncturing aerosol cans to achieve atmospheric pressure is not considered "treatment"; therefore, permitting is not required.*

## RECYCLING



- Recycling 8,000 aerosol cans reduces solid waste and increases recycling by one-ton.
- By installing Aerosolv systems on two drums, non-chlorinated aerosols can be collected separately, then reclaimed as solvents, resulting in waste minimization credit.
- Cans punctured using Aerosolv may be recycled with other scrap steel.

*Aerosolv leaves only a smooth edged hole.*