

DRAFT

Technical Safety Data Sheet

Equipment Name: Aerosol Can Puncturer (Aerosolv)

Manufacturer: Katec, Inc.

Address

P.O. Box 3399

Virginia Beach, VA 23454

Telephone Number: (800) 843-6808

Fax Number: (757) 428-5757

Date Prepared: March 2, 1998



Equipment Description: This equipment consists of a cylindrical puncturing unit and an activated carbon VOC filter/vent mounted on top of a 55 gallon drum. The operator places the can on the puncturer and pushes an operating lever to puncture and empty the can, which can then be discarded as solid waste. The unit is equipped with a bonding wire to prevent static electricity buildup. Equipment dimensions are approximately 1 1/2 inches in diameter and 1 foot in height (excluding the 55 gallon drum).

DRAFT

Precautions for Safe Handling and Use:

Operation

BEFORE PUNCTURING, BE SURE TO FIRMLY SEAT THE CAN IN THE PUNCTURER USING THE SLIDING LOOP PLATE. DO NOT ATTEMPT TO HOLD THE CAN IN THE PUNCTURER BY HAND. FAILURE TO DO SO MAY RESULT IN CAN CONTENTS BEING SPRAYED BACK UP ONTO THE OPERATOR'S FACE OR CHEST.

PRIOR TO OPERATION, CHECK TO MAKE SURE THE ACTIVATED CARBON VOC FILTER IS NOT SATURATED. IF PAINT ODOR IS DETECTED AROUND THE EQUIPMENT, FILTER SATURATION MAY HAVE OCCURRED, AND THE FILTER SHOULD BE REPLACED. FAILURE TO DO SO MAY RESULT IN CAN CONTENTS BEING SPRAYED BACK UP ONTO THE OPERATOR'S FACE OR CHEST.

Do not puncture caustics, pesticides, deodorants or other powder sprays.

Wear appropriate PPE while operating this equipment. See Control Measures Section for Details.

Do not smoke, eat or drink in the vicinity of this equipment.

Before attempting to operate this equipment, read the Aerosolv Aerosol Can Recycling Solution Operating Manual.

Maintenance

Replace the drum with an empty one when it is 70% full or within 10 inches of the top.

Replace activated carbon VOC filter every 45-60 days, and when the equipment gives off paint odor.

Clean and grease the puncture pin monthly.

Paints and solvents will deteriorate the puncturer. Check the gasket at least monthly, and replace as necessary.

Before attempting to perform maintenance on this equipment, read the Aerosolv Aerosol Can Recycling Solution Operating Manual.

Installation

Ensure the equipment is properly bonded prior to use.

Do not install the puncturer without the activated carbon VOC filter.

Do not install the puncturer and unit on a drum that has a capacity less than 20 gallons.

DRAFT

This equipment should not be installed within 100 feet of any possible ignition source.

Make sure that the local exhaust ventilation is provided if the equipment is to be used indoors.

Health Hazard Data

Chemical Hazard: The equipment and the punctured cans emit potentially hazardous vapors.

Physical Hazard: Equipment may spray can contents onto the operator during puncturing.

Biological Hazard: None observed

Ergonomic Hazard: None observed

Environmental Hazard: Drum used to collect the waste and activated carbon VOC filter should be disposed of according to local regulations.

Control Measures

Personal Protective Equipment Requirements: Face shield, splash apron and nitrile gloves.

Ventilation Requirements: Local exhaust ventilation should be provided for both the equipment and the punctured cans if the equipment is to be used indoors.

Posting Requirements: Warning signs should be posted in the operating area to restrict access by unauthorized personnel.