



ODORx[®] Thermo-55[™]

FOR PROFESSIONAL USE ONLY

Instant-acting air freshener Highly effective odor counteractant For thermal fogging

BACKGROUND

Thermo-55 is an essential component in the Three-Step Odor Removal Process. Thermo-55 is a solvent-based, thermal fogging product for treating odors during the final step of this process. Thermo-55 consists of highly purified petroleum solvents and odor control essential oils. These substances generate a vapor barrier that prevents malodors from finding their way into the atmosphere. The thermal fogging process uses heat to produce micron size particles. Particles of this size have several advantages:

- They have extremely large surface area that adsorbs contaminants.
- Particles are sufficiently small to enter the tiny crevices on every surface in the room where the odor exists.
- Micron size particles remain suspended in the air so they have time to interact with airborne contaminants.
- Thermal fog agglomerate small airborne particulates that are a source of malodors.

Thermo-55 comes in several versions. Each version tends to be effective at controlling these types of odors.

Version	Controls odor from
Cherry or Neutral	Smoke odor derived from wood or paper
Kentucky Blue Grass (KBG)	Smoke derived from synthetics such as plastic and rubber
Citrus	Protein fires (e.g. meat, poultry, fish) Tobacco
TabacAttack	Tobacco

Further details are available in the ProRestore Odor Removal Manual.

Note: Thermo-55 is intended for thermal fogging only.

ITEMS NEEDED

- Thermo-55
- Optional products: 9-D-9[™] or Double-O[™], Crystal Odor Counteractant (C.O.C.[™]), Unsoot Encapsulant[™], TabacAttack[™], Last Resort[™]
- Equipment: Compression or electric sprayer, airless paint sprayer, air mover for ventilation, Thermo-Gen[™] or Electro-Gen[™] Thermal Foggers. Note: the Electro-Gen-2000 is not recommended for use with Thermo-55.
- Adequate supply of clean cloths and a plastic bag for the storage of soiled cloths, measuring cup
- Extension cords as required to provide power for the electrical equipment

GUARANTEED THREE STEP ODOR REMOVAL PROCESS

This process resolves even the most challenging odors in any indoor environment. Always refer to product labels or User Guides for specific application instructions.

STEP 1: Suppression spray

Knock down odor sources by applying an odor counteractant such as 9-D-9 or Double-O with a compression sprayer. If you are attempting to reduce tobacco odor, use TabacAttack[™] in this step. It is important that the solution come in direct contact with all contaminated surfaces that might be a source of odor. This provides an initial knockdown of strong, objectionable odors.

Special instructions for strong smoke odors: For smoke odors in charred wood, attic insulation, and ceiling/wall voids, use the following mixture as a suppression spray: Add to an empty 5 gallon (20 liter) pail
1 gallon (4 liters) of Unsoot Encapsulant,
1 quart (0.95 liter) 9-D-9,
5 ounces (150 ml) Last Resort.

Add water to make 5 gallons (20 liters) and apply the mixture with a low pressure sprayer. Covers 500 square feet per gallon (49 square meters per 4 liters). Now proceed with Step 2.

STEP 2: Apply odor counteractant and absorbent

Sprinkle C.O.C. (Crystal Odor Counteractant) at a rate of 4 ounces per 200 square feet (120 ml per 20 square meters) of floor area.

STEP 3: Thermal fogging

Apply Thermo-55 using a thermal fogging device. Refer to product label or User Guides for specific instructions. Be sure to ventilate the treatment area thoroughly before permitting the area to be re-occupied.

FOGGING PROCEDURE

1. Survey to determine the potential for exposure to sensitive individuals. Take special precautions to minimize exposure of potentially sensitive individuals. See special precautions.
2. Be sure that application equipment is in good working order. Determine the volume of the room so that you will know how much Thermo-55 will be required to treat the area.
3. Turn off pilot lights and eliminate ignition sources and review Unsmoke indoor fogging precautions as found in the Odor Removal Manual.
4. Evacuate humans and pets from treatment area. Post "Do Not Enter" signs.
5. Remove or protect food* and utensils.
 - * - Notes on treatment of food items:
Food that was in the same part of the room or building when the disaster event occurred would normally be disposed. The event itself would have damaged those items. For example, the heat or acidic smoke from a structure fire could damage the container or the contents. An exception would be if the quantity or value of the food warrants analysis by a qualified food hygienist. If food is packaged in a non permeable container such as glass or metal, the fogging process itself will not damage those items. These items could be cleaned. Items packaged in permeable containers such as paper, thin plastic or cardboard might pick up the taste of the thermal fog so they should be disposed.
6. Cover materials potentially adversely affected by petroleum distillates.
7. Issue respirators to application personnel.
8. Best results are achieved when temperature of area to be treated is above 55°F (12.8°C)
9. Apply Thermo-55 at rate of 0.5 to 1.5 fluid ounce per one thousand cubic feet (15 to 45 ml/ 28 cubic meters) of airspace.
10. Doors and windows should remain closed for 30 minutes after fogging. This allows adequate time for the product to penetrate various surfaces in the room.
11. Ventilate treatment area for at least 60 minutes prior to re-entry or re-occupancy.

SAFETY CONSIDERATIONS

- Read the Material Safety Data Sheets (MSDS) before using. You can obtain the MSDSs from your distributor or download from *ProRestoreProducts.com*
- Extinguish all sources of ignition such as pilot lights and electrical sparks.
- Be sure electrical equipment including plugs and extension cords are in good condition.
- Be sure to wipe any surfaces where there has been a spill of Thermo-55.
- Wash hands after handling the product.

ADDITIONAL REFERENCES

- User Guides and Material Safety Data Sheets (MSDS) for all ProRestore Products are available at *ProRestoreProducts.com*
- Owner's Manual for Electro-Gen or Thermo-Gen thermal foggers
- See the ProRestore Odor Removal Manual
- Restoration Sciences Academy Certification Classes. For location and scheduling of classes, go to *ProRestoreProducts.com*.
- For Technical Support 24/7, call 800-332-6037
- For first aid advice related to exposure to this product, call Infotrac at 800-535-5053 (USA and Canada) / 352-323-3500 (worldwide).

THERMO-55 TECHNICAL DATA

Sold as	Case of 4 x one gallon bottles Case of 12 x one quart bottles
Reorder no.	433002901 cherry (gallon / 3.8 L) 433009901 cherry (quart / 0.9 L) 433002902 neutral (gallon / 3.8 L) 433009902 neutral (quart / 0.9 L) 433002906 KBG (gallon / 3.8 L) 433009906 KBG (quart / 0.9 L) 433002907 Tabac-Attack (gallon / 3.8 L) 433009907 Tabac-Attack (quart / 0.9 L) 433002909 Citrus-lemon (gallon / 3.8 L) 433009909 Citrus-lemon (quart / 0.9 L)
Flash point	Citrus 179° F (82° C) Cherry 154° F (68° C) Kentucky Bluegrass 183° F (84° C) Neutral 190° F (88° C) Tabac-Attack 174° F (79° C)
Color	Straw colored liquid
Specific gravity	0.79
Density	6.6 lbs. per gal. (0.8 gm / mL)