



Spilfyter Product Instruction Sheet



May 20, 2013 9:15 AM

PRODUCT CODE: 520250

PRODUCT TYPE: Grab & Go® Mercury Spill Kit

COMPONENTS:

• (270g) Amalgamation Powder (520270) • (250g) Indicator Powder (523250) • (1#) Vapor Suppressor Shaker Bottle (460005) • (1) Aspirator Bottle • (1) Waste Collection Bottle • (1) Mixing Tub with Spatula • (1) Chemical Sponge • (1) Disposal Bag & Twist Tie • (1 pr.) Nitrile Gloves • (1) Wisk on Pan • (1) Plastic case w/handle

INSTRUCTIONS FOR USE:

1. Evacuate employees from the spill area.
2. Personal protective equipment for exposure to mercury should be worn.
3. Ventilate the contaminated area.
4. Shake the vapor suppressor over the contaminated area being sure to cover any visible mercury.
5. Collect all vapor suppressor covered mercury using the wooden spatula and the mercury aspirator bottle. Wait 30 minutes before final clean-up.
6. Empty the aspirator bottle into the mercury waste bottle.
7. Activate the MERCSORB® Amalgamation Powder with two (2) ounces powder in a plastic mixing cup. Apply just enough water to form a paste (about 1 ounce). Mix the MERCSORB® Powder and water with a wooden spatula.
8. Apply a strip of MERCSORB paste across the edge of the mercury-contaminated area. Push the strip slowly across the contaminated surface with a wooden spatula. Apply the MERCSORB® paste in one direction only. Small droplets of mercury will be absorbed in the MERCSORB® paste.
9. Apply a second strip of the MERCSORB® paste to the area and push the strip across the area a second time.
10. Place the contaminated MERCSORB® paste into a sealed plastic container.
11. Wipe the contaminated area using a damp sponge.
12. Dispose of the used items and products in accordance with all local, state and federal regulations.
13. After all visible mercury has been properly collected from horizontal surface; sprinkle Mercury Indicator Powder over contaminated area. For vertical surfaces, mix one (1) part Mercury Indicator Powder with four (4) parts water to form a slurry. Paint the slurry on the contaminated vertical surface.
14. Mercury Indicator Powder should be left undisturbed on the contaminated surface for 24 hours.
15. A color change of pink to reddish-brown spots indicates contamination. Large black spots or areas indicate fresh or extensive mercury contamination.
16. Collect the Mercury Indicator Powder and place in a temporary disposal bag.
17. Clean up remaining mercury contaminated area with physical and chemical means as described in steps 7-11.
18. Repeat steps 12-16 until no indication of mercury is observed.
19. Once decontaminated, clean the area using a sponge and warm soapy water.

All used products are contaminated and must be disposed of as toxic waste in accordance with local, state and federal regulations. Depending on the size and extent of the spill, additional equipment may be needed. Kit sorbency capacity is 25ml (337g) of Mercury.

CAUTION: Only trained personnel should respond to mercury spills. MERCSORB® kits do not contain any chemicals designed to alter the mercury's toxicity or danger. Mercury is absorbed directly through the skin and inhalation. Kit is designed for one-time use only.

NOTE: Mercury has a density of 13.55 g/ml at 68° F(20° C).

TO BE USED BY TRAINED PERSONNEL ONLY!

