

# Spill kit Mercury, plastic case



Product code: **520250**  
 Product type: Spill kit - Mercury  
 Plastic case with Handle  
 Range: Redline  
 Bale weight: 5 (LBS)  
 Bale weight: 2 (KG)  
 Packaging: Plastic Case w/Handle  
 Pack Qty: 1  
 Pallet count: 96  
 Cube: 0.29



- Components:
- (270g) Amalgamation Powder (520270)
  - (250g) Indicator Powder(523250)
  - (454g) 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) Whisk on Pan
  - (1) Plastic case w/handle



## Features / Benefits:

Designed to handle all stages of cleaning up mercury spills. The MERCSORB® Spill Kit is designed for-one time use only. MERCSORB® Kits do not contain any chemicals designed to alter the mercury's toxicity or danger. Mercury Spill Control OSHA HOSPITAL RECOMMENDATIONS: "...Use mercury spill kits to help clean up small spills of 25ml or less. Kits should contain gloves, protective glasses, Hg absorb powder, mercury sponges, and a disposal bag."

Product Sorbency Rates				
Product Number	Product Description	Qty/Case	LBS. Sorbed per Case	ml. Sorbed per Case
520250	Mercury Spill Kitt	1	0.75	25
520260	Economy Mercury Spill Kitt	1	1.5	50
520270	Amalgamation Powder, 270g	1	0.75	25
520500	Amalgamation Powder 500g	1	1.375	46
522500	Amalgamation Powder 2500g	1	6.9	230



# Spill kit Mercury, plastic case

## HOW TO USE THE MERCURY SPILL KIT:

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 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® past 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. Scrub the contaminated area using a moist sponge and warm soapy water.
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.
18. Repeat steps 12-16 until no indication of mercury is observed.
19. All used products are contaminated and must be disposed of as toxic waste in accordance with local, state and federal regulations.

**NOTE:** Depending on the size and extent of the spill, additional equipment may be needed. The kit's 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).



# *Spill kit Mercury, plastic case*



*THE INFORMATION PROVIDED HEREIN, IS PROVIDED "AS IS" WITH **NO** REPRESENTATIONS OR WARRANTIES OF ANY KIND, EITHER EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. YOU ASSUME TOTAL RESPONSIBILITY AND RISK FOR YOUR USE OF THESE MATERIALS. NPS CORPORATION DOES NOT WARRANT THE QUALITY, VALIDITY, ACCURACY OR COMPLETENESS OF THE MATERIALS OR THAT THE INFORMATION CONTAINED IN SUCH MATERIALS WILL BE ERROR-FREE, OR THAT DEFECTS OR INACCURACIES WILL BE CORRECTED. NPS CORPORATION MAY MAKE CHANGES TO THE MATERIALS, OR TO THE PRODUCTS OR SPECIFICATIONS DESCRIBED THEREIN, AT ANY TIME WITHOUT NOTICE. THE MATERIALS MAY BE OUT OF DATE, AND NPS CORPORATION MAKES NO COMMITMENT TO UPDATE THE MATERIALS OR TO MAKE ANY NOTIFICATION OF CHANGES*

