

Formaldehyde Solidifier Products



NPS CORP

SPILFYTER® Formaldehyde Solidifier is designed for the safe and quick response to formaldehyde spills in laboratories, hospitals, funeral homes, clinics, etc. Formaldehyde Spill Control Products are perfect for spill prone areas that utilize formaldehyde as it reduces toxic vapors, neutralizes the formaldehyde and solidifies the formaldehyde for easy disposal.

Spilfyter Product Data Sheet

480001	Formaldehyde Solidifier, Shaker
480005	Formaldehyde Solidifier, 17 kg
481001	Formaldehyde Spill Kit, Shaker
481005	Formaldehyde Spill Kit,

481001 SPILL KIT CONTAINS:

- (1) Formaldehyde Solidifier, 900 gr Shaker Bottle
- (2) AQUALOCKIT®, 900 gr Shaker Bottle
- (2) 30x30 cm KOLLECT-A-KEM® Pads
- (1) Scoop with detachable Scraper
- (1) Disposal bag and twist tie
- (1) Disposal label



481005 SPILL KIT CONTAINS:

- (1) 17 kg Formaldehyde Solidifier, 5 Gallon Bucket
- (1) AQUALOCKIT®, 900 gr Shaker Bottle
- (10) 30x30 cm KOLLECT-A-KEM® Pads
- (4) 7.6 cm x 122 cm KOLLECT-A-KEM® Socks
- (1) Disposal bag and twist tie
- (1) Disposal label



Product Number	Product Description	Qty/Case	Gal. Sorbed per Case	Liters Sorbed per Case
480001	Formaldehyde Solidifier, Shaker	1	0.2	1
480005	Formaldehyde Solidifier, 17 kg	1	7	25
481001	Formaldehyde Spill Kit, Shaker	1	32	121
481005	Formaldehyde Spill Kit,	1	38	144



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HOW TO USE FORMALDEHYDE SPILL KIT:

1. Appropriate personal protective equipment is recommended.
2. Position pads (Kit 481001) or socks (Kit 481005) around outer edge of spill for containment.
3. Open the Formaldehyde Solidifier shaker bottle and evenly shake over the spill from the outer edge of the spill in towards the center using care not to splash.
4. Use the recommended **polymerizing ratio of one-pound (1#) or .45 kg** Formaldehyde Solidifier to the formaldehyde concentration:
5. Carefully stir the Formaldehyde Solidifier into the formaldehyde spill with a non-reactive utensil using care to avoid splashing the spill.
6. Spill will begin to solidify within ten (10) minutes for formaldehyde solution strengths greater than 15% by concentration weight and within fifteen (15) minutes for solutions of less than 15% concentration by weight. In some instances of lower formaldehyde concentrations, solidification may not occur.
7. Allow several minutes for the formaldehyde to become solid.
NOTE: The Formaldehyde Solidifier will only solidify the formaldehyde leaving a water-based spill.
8. To complete the solidification of the spill, shake the AQUALOCKIT® over the spill area to solidify any water-based liquid that may remain.
9. Allow several additional minutes for the AQUALOCKIT® to complete the solidification process.
10. Apply additional AQUALOCKIT® until spill is solidified for easy disposal.
11. (Kit 481005 Only) Wipe area of spill with pads to pick-up any remaining residual formaldehyde.
12. Dispose of the solidified spill and sorbents in accordance with local, state and federal regulations.

CONCENTRATION PERCENTAGE BY WEIGHT	AMOUNT POLYMERIZED (GALLONS/PINTS)
37%	0.1 / 0.8
30%	0.13 / 1.04
20%	0.2 / 1.6
15%	0.27 / 2.16
10%	0.41 / 3.28

WASTE DISPOSAL METHOD: All SPILFYTER Sorbents in themselves are considered to be non-hazardous as defined by RCRA (40 CFR 261). Once used, these products will take on the characteristics of the chemical sorbed and should be disposed of accordingly. Disposal of these products (used and unused) must be in compliance with all local, state and federal regulations.

NOTE: ASTM F726-8 Standard Method of Testing Sorbent Performance of Adsorbents was used. All sizes, weights and other related information are within the manufacturer's specifications.

