



## Operating Instructions

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### Coated Filters Cat. No. 225-9011

**Method & Chemical:** MDHS 25/3 (U.K.) for Organic Isocyanates; PI, TDI, HDI, MDI.

**Filter & Coating:** 25-mm glass fiber filter coated with 1-(2-methoxyphenyl) piperazine. Filters only, not loaded in cassettes

**Prior to Sampling:** Store at  $\leq 39.2$  F (4 C) for up to 6 months.

**Sample Stability:** Store TDI at  $\leq 39.2$  F (4 C) for up to 90 days. No data is available for PI, HDI, and MDI.

**For information on other available coated filters, request SKC Publication 1219.**

## How to Use the SKC Coated Filters



Ensure that filters are at room temperature before sampling.

1. Set up the sampling train for calibration with the representative filter cassette in line. For "closed-face" sampling, remove the plugs and connect the cassette to the sampling train. For "open-face" sampling, remove the outlet plug and the cassette inlet section and then connect the cassette to the sampling train. For details on setting up a sampling train, refer to the SKC Sample Setup Guide "Sampling Train - Filters" (SKC Publication 1922).
2. Calibrate the pump to the desired flow rate using a calibrator.
3. Replace the cassette used for calibration with a fresh filter cassette for sample collection. Attach the cassette to a worker's collar, as close to the breathing zone as possible, by using a filter cassette holder (SKC Cat. No. 225-1). Sample for the specified time interval and record the time.
4. Remove the filter cassette at the end of the specified sampling period and replace both end plugs (and the inlet if necessary). Recheck the flow rate using the same cassette and calibrator used for calibration (in Step 2) to ensure that the flow rate has not changed by more than 5%.
5. Store sample at  $\leq 39.2$  F (4 C) for up to 90 days. Appropriately package samples, blanks, and all pertinent data to send to a lab for analysis. Expedite shipping of samples to laboratory. Friday shipments are not recommended.

### ***SKC Limited Warranty and Return Policy***

*SKC products are subject to the SKC Limited Warranty and Return Policy, which provides SKC's sole liability and the buyer's exclusive remedy. To view the complete SKC Limited Warranty and Return Policy, go to <http://www.skcinc.com/warranty.asp>.*

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