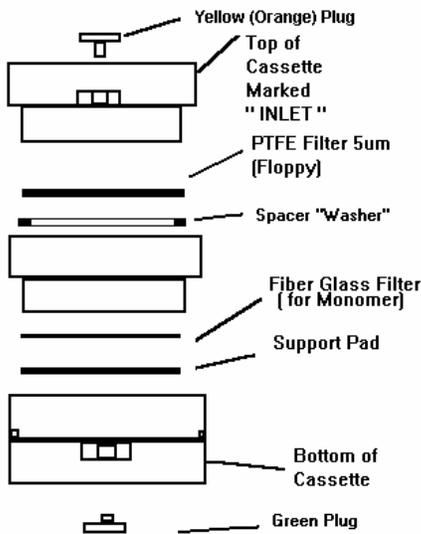


# ISO-CHEK™ Sampling Protocol

- 1) Use the enclosed labels to label each ointment jar with corresponding sample ID number that appears on the sampling cassette.
- 2) Remove the Yellow (Orange) and Green plugs from the cassette. You are now ready to sample.
- 3) Using a calibrated pump capable of at least 1L/min, sample for the recommended sampling time of 15 min at 1L per minute. If you anticipate very low concentrations (less than 1ppb) of Isocyanates, you can increase sampling to 2L minute for 30 minutes. The Iso-Chek™ has been shown to be effective under those conditions. To sample, connect the suction side of the pump to the outlet of the cassette (green plug - opposite the side marked "inlet").



4) Immediately after sampling, open cassette, cut through the label on the cassette, and using filter handling forceps, remove the top (PTFE) filter and place it in the jar that has the corresponding ID number as the cassette. **NOTE: Be sure that you do not accidentally carry the spacer "washer" with the PTFE filter.**

5) Leave the fiber glass filter and the support pad, in the cassette, close cassette and replace the yellow (orange) and green plugs. Protect this cassette from excessive light, (you can wrap it in aluminum foil).

6) Twist the jar's cap as tight as you can (the tighter the better). Use Electrical tape to seal the perimeter of the jar so as to prevent the loosening of the cap by vibration during shipping. **No other precaution needs to be taken at this point. The samples are stable for several days and can be shipped back to the laboratory at your convenience.**

7) Indicate on the cassette what isocyanate you wish the analysis for, by circling the appropriate name on the label of the cassette. **Only one type of isocyanate can be determined per cassette. If you need to evaluate for more than one type of isocyanate a different cassette must be**

**used to sample.**

8) Make sure to include a blank cassette with each shipment. A blank is a cassette that has its plugs removed temporarily, then replaced. This blank manipulation should be done in the same environment as the other sample preparations. The PTFE filter removed just as in the sample, and placed in the ointment jar, cassette is closed containing the fiber glass filter and support pad.

9) Send the jar and corresponding cassette in boxes provided to the laboratory for analysis. DOT regulations require that material able to absorb the solvent, be packed with jar, in case of a leak. Be sure to use the blue foam provided in the return packet. DOT Regulations also require that the package is placed in another cardboard box prior to shipment. Use the 40CFR 173.4 labels provided to ship the package.