

## ChemLogic DIISOCYANATE R(NCO)<sub>2</sub> Detection Tape

The Diisocyanate R(NCO)<sub>2</sub> ChemLogic tape is formulated for sensitivity and specificity to Aromatic and Aliphatic Diisocyanates.

The R(NCO)<sub>2</sub> ChemLogic cassette will respond to:

1,4-Cyclohexane Diisocyanate (CHDI)  
Cyclohexyl Isocyanate (CHI) ppm levels only  
Dicyclohexylmethane 4,4'-Diisocyanate (HMDI)  
Diisopropylphenyl Isocyanate (DIPI) ppm levels only  
Diphenylmethane Diisocyanate (MDI)  
Hexamethylene Diisocyanate (HDI)  
Isocyanatoethyl Methacrylate (IEM)  
Isophorone Diisocyanate (IPDI)  
Isopropyl Isocyanate (IPI) ppm levels only  
Methyl Isocyanate (MIC) ppm levels only  
Naphthalene Diisocyanate (NDI)  
P-Chlorophenyl Isocyanate (PCPI)  
Phenyl Isocyanate (PI) ppm levels only  
P-Phenylene Diisocyanate (PPDI)  
Toluene Diisocyanate (TDI)  
Trimethyl Hexamethylene Diisocyanate (TMDI)  
Tetramethylxylene Diisocyanate (TMXDI)  
Xylene Diisocyanate (XDI)

The R(NCO)<sub>2</sub> ChemLogic cassette also responds positively to ppm concentrations of chlorine (Cl<sub>2</sub>), nitrogen dioxide (NO<sub>2</sub>), nitric oxide (NO) and ozone (O<sub>3</sub>).

The R(NCO)<sub>2</sub> ChemLogic cassette **WILL NOT respond to:**

Alcohols 4,4-Methylene-bis 2-chloroaniline (MOCA)  
Ammonia 4,4-Methylene dianiline (MDA)  
Amines 1-Methyl-2-pyrrolidinone  
Carbon Monoxide  
Methylene Chloride  
Dimethyl Sulfate  
Monochlorobenzene  
Formaldehyde p-Phenylene Diamine (PPD)  
Freons  
Phosgene  
Hydrocarbons

Solvents  
Hydrazines  
Sulfur Dioxide  
Hydrides  
Toluene Diamine (TDA)  
Hydrogen Triethyl Amine  
Hydrogen Sulfide  
Triethylene Diamine (DABCO)