# CHEMTEQ

# Aromatic Diisocyanates Breakthrough Indicator Sticker Type B (BTIS B) (PN: 253)





## 1. Application

The Aromatic Diisocyanates breakthrough indicator sticker type B (PN: 254) is a colorimetric indicator for the detection of traces of aromatic diisocyanates in air, suitable locations are the inside of window glass of chemical transport vehicles, and the inside window of chemical storage cabinets where representative samples can be obtained.

### 2. Specifications

a. Weight:		0.4g (0.02oz)
b. Dimensions:		2.0mm (0.11in), φ: 38.1mm (1.5in)
c. Operating tempe	rature:	-20°C to 65°C (-4°F to 149°F)
d. Operating humid	ity:	5% RH to 85%RH
e. Minimum detectab	le limit:	4ppb-hr at 30 cm/sec face velocity
f. Color change:		Off white to pink or brown
g. Storage temperatu	ire:	4°C to 25°C, (39°F to 77°F)
h. Shelf life:		1 year at 4°C to 25°C, (39°F to 77°F)
i. Service life:		4 months
Cross interferences: None known.		

#### 3. Operating Instructions

- a. Ensure that packaging pouch is intact.
- b. Open packaging pouch by tearing off the top part from one of side notches.
- c. Remove indicator sticker from the packaging pouch (Figure 1).
- d. Peel off the protective liner to expose adhesive (Figure 2).

Caution: Avoid touching adhesive and exposure area

- e. Figure 3 shows the view result area of the indicator and the locations of the three adhesive discs.
- f. Hold the indicator from the edges and place it on a suitable location position on the inside of window glass of chemical transport vehicles or the inside window of chemical storage cabinets where representative samples can be obtained.
- g. Press firmly to adhere the indicator on the location surface.
- h. Formation of pink or brown color indicates the presence of aromatic diisocyanates.



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