

TECHNICAL INFORMATION

NIHON CHEMTREX CO.,LTD

〒174-0043 13-39-1 SAKASHITA ITABASHI-KU TOKYO JAPAN

TEL:(03)3430-1139

Powder deodorant for aldehyde

Aircence F C – H F 1 4 5

■ Feature

Aircence FC-HF145 is a deodorant in the form of a white powder composed of organic nitrogen compounds, aliphatic hydrazide compounds and inorganic salts (adsorbents), and is a deodorant for aldehydes.

- 1) This deodorant is, by combining three kinds of deodorants, to the effect of either alone showed positive synergy, shows excellent aldehyde deodorizing effect.
- 2) Because it is composed of a relatively high heat resistance (about 200°C) component, the normal levels of processing conditions, we have to maintain the performance.
- 3) It is composed of a high safety component.

■ Behavior

- ◇ Component : Organic nitrogen compound, Aliphatic hydrazide compound, Inorganic salt
- ◇ Appearance : White fine powder
- ◇ Odor : Slight odor

■ Use

- : Add this deodorant to paint, adhesive or resin.
※ Additive amount: Depending on the aldehyde concentration, 1 to 5% is added.
(Estimate)

■ Deodorant performance : The deodorant performance results for acetaldehyde and formaldehyde

1) Preparation of the specimen

- ① Acetaldehyde : A sample obtained by weighing 0.05g of each powder deodorant into a glass Petri dish having an outer diameter of 45mm is used as a test specimen.
- ② Formaldehyde : A sample obtained by weighing 0.10g of each powder deodorant into a glass Petri dish having an outer diameter of 45mm is used as a test specimen.

2) Test method

Place the specimen in a glass container of 1L, further sealed after dropping a predetermined amount of the malodor solution of a predetermined concentration, measure the malodorous gas concentration after 1 hours at detector tube.

3) Test results

Specimen		Malodorous substances residual gas concentration (ppm)	
種類	計量値	Acetaldehyde	Formaldehyde
Blank		140	110
Other company grade	0.05g	130	
	0.10g		32
FC-HF145	0.05g	2	
	0.10g		16