

TECHNICAL DATA SHEET

Trade Name: HC WB0505			
INCI Names: Synthetic Fluorphlogopite (and) Boron Nitride			
Ingredients and Composition			
Ingredients	By Weight (%)	CAS No.	EINECS
Synthetic Fluorphlogopite	95.0-96.0	12003-38-2	234-426-5
Boron Nitride	4.0-5.0	--	701-292-9
Physical Properties:			
Appearance	Free flowing powder		Visual
Odor	Faint Characteristic Odor		Organoleptic
Whiteness/（Wr）	≥92		Colorimeter
Tap Density	0.30-0.60g/cm3		GB/T 5162
Loss on Drying	≤1.0%		105℃ 2 hours
Oil Absorption	50-80g/100g		GB/T 5211
Hydrophobicity:	0.5g floats on 50 ml of water for more than 15 minutes		Float powder on water at room temperature
Heavy Metal			
Lead（Pb）	mg/kg	≤10	Analysis was performed by ICP-MS, GFAAS and Hg analyzer
Arsenic (As)	mg/kg	≤2	
Mercury (Hg)	mg/kg	≤1	
Antimony (Sb)	mg/kg	≤1	
Cadmium (Cd)	mg/kg	≤3	
Nickel (Ni)	mg/kg	≤10	Analysis using ICP-OES
Microbiological Contamination			
Total bacteria	cfu/g	<100	GB/T7918
Coliform	---	Negative	GB/T7918
Moulds & Yeasts Count	cfu/g	<10	GB/T7918

Date Revised:2020.05.28

HOCK CHEMIE (HK) ENTERPRISES PTE COMPANY

ADD: Room 803 8/F Easey Commercial Building 253-261 Hennessy Road Wanchai Hong Kong.

Tel: (852) 51205622 Email: marketing@hockchemie.com