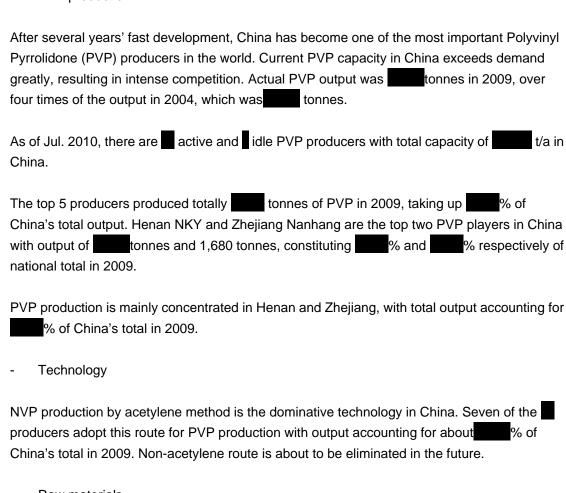
- PVP production



Raw materials

Supply of GBL and acetylith is sufficient, but price fluctuation of these two raw materials affects PVP industry greatly. MEA supply is not sufficient, so producers adopting non-acetylene route may need to purchase MEA from overseas market, which leads to increase in production cost.

PVP Import & Export

PVP's import volume reduced slightly to tonnes, while its export volume increased rapidly to tonnes in 2009. Imported PVP still took up about market share of China's total consumption that year.

- PVP consumption

PVP is mainly used in pharmaceutical, daily chemicals, office supplies, and other downstream industries. PVP consumption has been growing fast in the past few years, which reached tonnes in 2009, up % over 2008.

Pharmaceutical industry and daily chemical industry are the two largest downstream industries of PVP, consuming % and % of total PVP in China respectively in 2009. Office

supplies are the third largest application field of PVP, which consumed about 26.31% of China's total PVP in 2009.

I-3 PVP producers in China

Table I-3-1 Summary of China's PVP producer (active and idle), 2010

No.	Producer	Abbreviation	Location	Launch time	Status'	Capacity '10, t/a	Output '09, t
1		Henan NKY					
2							
3							
4							
5							
6							
7				2008			
8	CNSG Anhui Hong Sifang Co., Ltd.						
9							
10		I				100	
11			Zhejiang				
12					Idle		
13							50
	Total						

Source: CCM International