

## Xiyan *US black* Pigment Preparation

(Version: V2.0      Printed date: 2024-11-21)

Shanghai XiYan Industrial Co., Ltd. is a company focus on research, development and production of specialty chemicals. Our company has very good production site and advanced service lab with the professional staff that provide technical service and effective solution for our customers. We are also keeping a close strategic cooperation with technical centers of many famous multinational companies. Support your success with XiYan's products.

### Product Characteristics

*US black* is a medium color black pigment preparation with high molecular dispersant. It's resin free, so its universality is very good. With advanced production process, the product has good blackness and blue undertone. When the pigment preparation cannot be used up at once, it must be sealed properly.

### Application

*US black* is mainly designed for plastic paint, industrial paint etc. application as universal pigment colorants. It can be used in coating with polyurethane, polyester, amino baking, thermoplastic acrylic, short oil alkyd, synthetic fatty acid, epoxy(partial), unsaturated polyester etc. resin. The compatibility with 381 series CAB resin is good. It could be separated when US black is added in the coating with CAB551-0.2. But the fineness and tinting strength of the coating is not affected, and it can be used normally after being stirred again.

### How to use

Before use *US black*, please do the compatible and tinting experiments. If find any problem, please incorporate additives to solve the problem or consult our technical service representatives. Please make sure that the pigment preparation has no negative effect on your coating's properties before use. Just incorporate the pigment preparation in the paint in a low to middle speed mixing, grinding or high speed dispersing are not required.

## Quality

Shanghai Xiyan Industrial Co., Ltd. has advanced equipment and process which is to minimize the differences of color, tinting strength, rheology and compatibility between the batches.

### *US black* technical data

Item	Value (typical)
Pigment index no.	P.BK.7
Pigment content (by weight)	18.0%
Solid content (by weight)	45.0%
Lightfastness	
Mass tone/Redution(1/25 ISD)	8/8
Heat resistance(°C)	200
Hiding performance	Hiding
Halogen issue	Halogen free
Solvent	PMA Butyl acetate

#### Notes:

The above data are typical values used as references for formula making and cannot be equated with COA (durability data based on pigment supplier provided)

## Storage

It should be stored in a cool place at a temperature above 0 °C , with a shelf life of 12 months in an unopened sealed bucket.

#### Disclaimers:

All recommendations about our product, whether written, verbal, or inferred from our experimental results, are based on our current understanding of the product. Despite our recommendations, customers should still take appropriate tests to ensure that our products meet their specific processes or uses. Because we cannot control the application areas, usage, and processing conditions of our products, we do not assume any responsibility in this regard. The buyer guarantees that their use of our product will not infringe upon the intellectual property rights of any third party. We guarantee that our products are defect free in quality under normal supply and storage conditions.