

**Diamond Dispersions™ HSDK1**

Aqueous Black Pigment Dispersion

Based on Lubrizol's proprietary HSD dispersion technology, Diamond HSDK1 provides un-matched ink stability, print performance and colour fastness properties in a wide range of ink formulations and end applications. Typical applications include; inks for textiles (DTG, DTF & RTR), inks for commercial print and desktop applications, and inks for Decor applications.

**FEATURES AND BENEFITS**

- Durable
- Easy to formulate
- High Optical Density
- Ideal for inkjet print applications
- Light Fastness
- Printability
- Stable Dispersion
- Vibrant colors

**CHARACTERISTICS**

Characteristic Name	Value
Appearance	Black Liquid
Average mean particle size (nm)	100nm
Brookfield Viscosity (cps)	<15cP
CI Reference	Carbon Black
pH	8.0 - 9.0
Pigment solids content (%)	13 - 15%
Surface Tension at 25°C (mN/m)	45 - 55

**APPLICATIONS**

- Digital Printing Inks

**AVAILABLE REGIONS**

- Asia Pacific
- EMEA
- Latin America
- North America

## RECOMMENDED STORAGE AND RE-TEST DATE

Lubrizol recommends retesting quality after 730 days. See SDS for storage conditions and handling instructions.

## REGULATORY STATUS

Please see the product's current material safety data sheet, SDS, for regulatory information. You can request an SDS at [www.lubrizol.com/coatings](http://www.lubrizol.com/coatings).

Should you have questions on additional topics, please feel free to contact your Lubrizol representative or one of our regional Customer Assistance groups listed here:

America: AmerLZAMCustomerAssistance@Lubrizol.com | Europe: EMEAICustomerAssistance@Lubrizol.com |

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