

Specification

Viscosity(cps) at 25°C, Brookfield DV-2+	19-22
Surface tension(dyne/cm, 25°C)	40-45
Refractive index($\lambda=656\text{nm}$,25°C),Abbe Re.	1.45-1.50
Solid content(%)	100
Shrinkage(%,25°C)	7 – 8
P.I.I	0.6 – 0.7
Weather ability(80°C/95% RH , 96 hr)	Pass

Description :

Terajet 1384-9 primer is UV curable inkjet clear which printing by Digital printing process. It is formulated specially developed to aid adhesion and mechanical abrasion resistance of UV curable digital inks system onto glass and metal substrate.

Application suggestion :

This is VOC-free and very fast curing speed that is more environmental friendly inks. Basically it should be undercoating for second layer printings, there is no warranty when printing over-coating layer because it have not scratch resistance and low gloss.

255-300mJ/cm² and 300-600W/cm , 350-390 nm wavelength range is good for evenly curing.

But curing speed was affected by printing thickness and belt speed, so ask about it to JESCO before using this product. All of post curing property is complete after 24 Hr and it should be care indirectly curing because this product is very transparent.

Wash up :

Should be use flushing 100 solution for cleaning printing Head or inner circulate flush.

Health & Safety :

It is free from N-Vinyl-2-pyrrolidone, which is suspected of causing cancer. High flash point and exempt from the Highly Flammable Liquid Regulations. This is free from lead and other heavy metals and therefore should be comply to the American Toy standard ASTM F963 Safety regulation.

As with this inks, gloves and safety device should be used when handling the products. For more complete information do you need, refer to the Material Safety Data Sheet before use.

Storage & Handling:

The product requires stirring prior to use. The shelf life is good when stored away from heat and protected from UV LIGHT exposure. The material is combustible and should not be used near open flame. Store below 32 °C. Best when used within 6 month of product Lot No. date on label. Under different conditions, particular higher temperatures, the shelf life is reduced.

Disclaimer:

All information on this data sheet is based on JESCO laboratory test experience in print press.

Procedures and directions for use of JESCO products must be considered as recommendations only, with no warranties expressed or implied . The printer solely responsible for determining suitability for any JESCO product for he particular application.