

KIWOCLEAN 281 LOW VOC INK WASH CONC.

1. DESCRIPTION

KIWOCLEAN 281 LOW VOC INK WASH CONC. is a low odor California SCAQMD compliant (<100 gram/liter VOC) solvent mixture once diluted to working strength with three parts water for the removal of plastisol, water-based and UV screen printing inks.

Its low foaming formulation makes it especially suitable for use in automatic screen washout systems. It is developed to be diluted with three parts water, which reduces its VOC content to below 100 grams per liter, which is compliant for use in California.

Due to its slow evaporation rate, if screens are to be stored after cleaning, the remaining residue of the solvent must be washed off with water.

2. APPLICATION

Mix 1:3 with water (1 part KIWOCLEAN 281 LOW VOC INK WASH CONC. with 3 parts water) to comply with air quality regulations in much of California.

Mixture may separate with time so re-mix before each use. If used in an automatic screen washing machine, cycle the machine a couple of times to circulate the mixture before inserting the first screen.

Before de-coating the screen, remove as much ink as possible with a scraper or spatula.

Scrub both sides of the screen with a soft nylon bristled brush soaked KIWOCLEAN 281 LOW VOC INK WASH CONC. until all ink residue is completely dissolved or emulsified, and the emulsion becomes clearly visible, then rinse well with water.

Should any ink residue remain on the screen, KIWOCLEAN 281 LOW VOC INK WASH CONC. onto the screen and brush the screen every few minutes until the residue is dissolved. Remove the residue with a rag and rinse well with water.

KIWOCLEAN 281 LOW VOC INK WASH CONC. has a very low evaporation rate and may attack the frame adhesive if the screen is not rinsed with water after cleaning. Keep the soaking time as short as possible and if necessary, use protective lacquer, such as ESTELAN 700 Blue to protect the adhesive.

3. PHYSICAL DATA

Color:	Light yellow to yellow
Consistency:	Liquid
Shelf Life:	2 years at 68° Fahrenheit (20° Celsius)
Flash point:	>200° Fahrenheit (93° Celsius)
TLV:	None

VOC:	396 g / liter
VOC diluted 1:3	99 g / liter; .82 lbs. / gal.

Vapor Pressure:	< 0.1 mmHg at 20° C
-----------------	---------------------

HMIS rating:	Health - 1 Flammability - 0 Reactivity - 0
--------------	--

4. PERSONAL PROTECTION

All working areas should be well ventilated. Avoid contact with eyes and skin. It is recommended to wear protective glasses and gloves. See Safety Data Sheet for additional information.

5. ENVIRONMENTAL PROTECTION

KIWOCLEAN 281 LOW VOC INK WASH CONC. can be eliminated through biological decomposition in adapted wastewater treatment plants. The working solution (rinsed residue from the screen) can generally be emptied into the drains. Consult local authorities for local regulations.

6. WASTE TREATMENT

Before using any recommendations provided by KIWO Inc., the user is required to know the local/state/federal regulations pertaining to on-site and off-site waste treatment that may require permits. If there is any conflict with recommendations provided by KIWO Inc., local/state/federal regulations take precedent.

7. PACKAGING

1 US quart, 1 US gallon, 5 US gallons, 55 drum containers

8. ADDITIONAL INFORMATION

For additional product information, please visit our web site at www.kiwo.com. All products mentioned in this Technical Information are available through KIWO Inc. and its distributor network. For further information contact your authorized KIWO distributor or KIWO directly.

Thank you for choosing **KIWO**.