

PREGAN PASTE

1. DESCRIPTION

PREGAN PASTE is a strongly alkaline paste for cleaning and degreasing screens and metallic surfaces. It is used as a haze remover in conjunction with a KIWO INK WASH product e.g. EXCEL INK WASH, KIWOCLEAN CONCENTRATED INK WASH, or LOW VOC INK WASH (for use in California).

PREGAN PASTE can also be used as a roughening agent and/or to remove aluminum oxide from the surface of aluminum frames to promote better adhesion of frame adhesives.

2. APPLICATION

2.1. As a haze remover:

For removing ink and emulsion residues, PREGAN PASTE should be used together with one of the aforementioned ink washes in a 1:1 mixture ratio. This mixture can be premixed in a bucket or mixed in equal parts directly on the screen itself.

Pour EXCEL INK WASH or alternative ink wash onto the screen and immediately apply PREGAN PASTE on top of the ink wash. Thoroughly mix the two chemicals on the screen using a Nylon bristle brush. A reaction time of approximately 5 to 10 minutes is necessary to remove fresh ink haze.

NOTE: the higher the screen tension and thinner the meshes thread diameter, the shorter the reaction time.

Rinse the screen thoroughly with running water after the reaction time, and then use high pressure water spray at close proximity to the mesh to remove the loosened ink and emulsion haze. It is recommended to degrease the screen afterwards with KIWO DEGREASER 1:20 concentrate or KIWO DEGREASER 1:50 concentrate.

2.2. As a roughening agent for aluminum screen frames:

The strong alkalinity of PREGAN PASTE can be used to chemically roughen aluminum frames which have not been sand blasted and can be used to remove aluminum oxide, known to inhibit the adhesion of frame adhesives.

Before stretching the screen mesh, apply PREGAN PASTE liberally onto the gluing area of the frame. Let stand for approximately 3 minutes, and then rinse well with lukewarm water. PREGAN PASTE will remove anodized colors from the aluminum.

2.3 As a cleaning and degreasing agent:

Apply PREGAN PASTE evenly onto both sides of the wet screen mesh using a nylon bristle brush. After 5-10 minutes, all dirt and grease is dissolved or emulsified and can be removed by thoroughly rinsing with running water. Always rinse with low water pressure first before using a high pressure water spray, to avoid atomizing the chemicals. When the water runs off the screen without foaming the rinsing is complete. The screen needs no further treatment and can be coated after drying.

3. PHYSICAL PROPERTIES

Color:	Light yellow
Consistency:	Paste
Shelf life:	1 Year at 68 degrees Fahrenheit (20 degrees Celsius)
Flash point:	Not applicable
pH value:	>14
TLV:	Sodium Hydroxide - 2 mg/m3 Ceiling
VOC:	none
HMIS rating:	Health - 3 Flammability - 0 Reactivity - 1

4. PERSONAL PROTECTION / SAFETY

PREGAN PASTE is corrosive. Wear chemical splash eye goggles and rubber hand gloves. Chemical protective apron or other clothing may be used as needed. To avoid exposure to airborne chemicals always rinse the screens with low pressure water first, before using a high pressure washer. See Safety Data Sheet for additional information.

5. ENVIRONMENTAL PROTECTION

PREGAN PASTE is strongly alkaline. While small quantities neutralize with carbonic acids or other waste water particles, commercial quantities may have to be separated and neutralized. Check with local authorities to determine the allowable pH value of waste water.

When using PREGAN PASTE in connection with EXCEL INK WASH or ULTIMATE INK WASH the mixture is biodegradable after neutralizing, however, local regulations vary and take precedence over any KIWO Inc. recommendation, so please consult the local authorities.

6. PACKAGING

1 U.S. gallon, 5 U.S. gallons

7. ADDITIONAL INFORMATION

For additional product information, please visit our web site at www.kiwo.com. For further information contact your KIWO distributor or KIWO direct.

Thank you for choosing **KIWO**.