

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 connection with INK WASH, PREGAN C4 or PREGAN C404B to remove ink and emulsion residues after decoating. It can also be used as a roughening agent for aluminum frames to promote better adhesion of frame adhesives.

2. APPLICATION

2.1. As a cleaning and degreasing agent:

Apply PREGAN PASTE evenly onto both sides of the wet screen fabric 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 airborne 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.

2.2. As a haze remover:

For removing ink and emulsion residues, PREGAN PASTE should be used together with INK WASH, PREGAN C4 or PREGAN C404B. A 1:1 mixture of PREGAN PASTE and C4 / C404B can be premixed or mixed on the screen itself.

Pour INK WASH, PREGAN C4 or C404B onto the screen and immediately apply PREGAN PASTE on top of the solvents. 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. If the screen has not been decoated immediately after the print run, the reaction time for the haze remover should be prolonged to 15 to 20 minutes. DO NOT EXCEED A REACTION TIME OF 30 MINUTES.

Rinse the screen thoroughly with running water after the reaction time, then use high pressure water spray to remove the loosened ink and emulsion haze. It is recommended to degrease the screen afterwards with either PREGAN PASTE only or a degreaser such as KIWO DEGREASER, PREGAN A9 or PREGAN A9 CL.

2.3 As a roughener for aluminum screen frames:

The strong alkalinity of PREGAN PASTE can be used to chemically roughen aluminum frames which have not been sand blasted. Before stretching the screen mesh, apply PREGAN PASTE liberally onto the gluing area of the frame. Let stand for approximately 3 minutes, then rinse well with luke warm water. PREGAN PASTE will remove anodized colors from the aluminum.

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
HMS 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 Material 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 allowed pH value of waste water.

When using PREGAN PASTE in connection with PREGAN C4 the mixture is not biodegradable. When using PREGAN PASTE in connection with KIWO INK WASH or PREGAN C404B the mixture is biodegradable after neutralizing, however, local regulations may vary and it is recommended to consult the local authorities.

6. PACKAGING

1 liter, 5 liter containers

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**.