

REMOVER OF RESIDUES OF INKS AND EMULSIONS



PRODUCT:

Remover of residues of inks and emulsions.

FORMS:

Paste, liquid or gel, in Normal, Extra and Eco versions.

USE:

For the reclaiming of screen printing meshes.

PROPERTIES:

- Eliminates residues of dried inks which can form a barrier that impairs the action of emulsion decoaters.
- Aids the action of emulsion decoaters in old and chemically hardened stencils which are harder to reclaim.
- Removes ghost images, ink stains and residues when used together with HB54 Alkaline Paste.
- HB52 in paste and gel forms are recommended for large screens. The product can be applied with the screen standing in a vertical position, and it is not necessary to use immersion tanks.
- HB52 Eco, Liquid and Extra are suitable for use in automatic cleaning units, immersion tanks and also together with HB54 for eliminating ghost images.
- HB52 Eco is a VOC free product, non flammable and environmental friendly. Ideal for UV and plastisol inks.

INSTRUCTIONS: Removing dried ink residues before using emulsion decoaters (Fig. 1).

Apply HB52 with a brush, on both sides of the dirty stencil (Fig. 2).

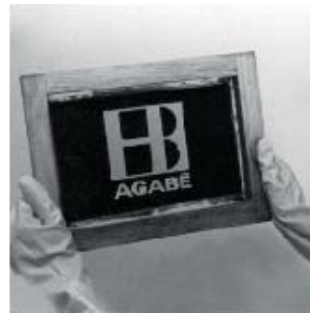
Leave it on for about 5 minutes. Brush to help the cleaning action (Fig. 3). For hard to dissolve residues, leave HB52 on the mesh for longer periods of time.

Do not let the product dry on the mesh.

Wash the screen with running water.

Now the emulsion can be stripped (Fig. 4).

Use HB50 Emulsion Remover (decoater) according to the instructions on its technical information.

**Figure 1****Figure 2****Figure 3****Figure 4**

INSTRUCTIONS: Removing emulsion residues. (In case the emulsion could not be fully removed by the emulsion decoater) (Fig. 5)

Wash the screen with running water and remove the excess of water. While the mesh is still wet, apply HB52 on both sides of the stencil with a brush (Fig. 6).

Leave it on for 5 minutes. Brush the product until all residues have been eliminated. For difficult residues, leave HB52 on the mesh for longer periods of time.

Do not let the product dry on the mesh.

Wash the stencil with running water, then use high pressure water (Fig. 7) until the mesh is completely clean (Fig. 8).



Figure 5



Figure 6



Figure 7



Figure 8

INSTRUCTIONS: Removing ghost images and residues of inks and emulsions (Fig. 9).

After removing the emulsion with HB50 Stencil Remover (decoater), dry the mesh. Apply HB52 with a nylon brush on both sides of the mesh. Apply HB54 Alkaline Paste and mix both products on the screen, covering completely all the stained areas (fig. 10).

For strong stains, an alternative process can be used: after applying the pre mixed products (HB52 and HB54) on the screen, use a printing squeegee to force the products to penetrate into the mesh (one squeegee stroke on each side).

HB54 Super can be used with all types of HB52 (Paste, Liquid, Extra, Eco or Gel). HB54 Normal is for use with HB52 Liquid, Eco or Extra.

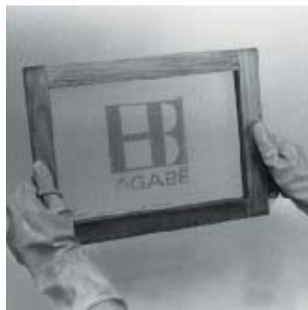
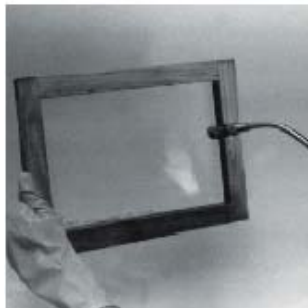
Leave for 15 minutes (longer time may damage polyester meshes).

Wash thoroughly with running water to remove all product residues. Then wash with high pressure water (Fig. 11).

The mesh will be completely clean (Fig. 12).

When used on polyester mesh, the Alkaline Paste HB54 should be neutralized after the cleaning process. Apply a mixture of acetic acid (5% in water) or vinegar. Wash with running water.

ATTENTION: Read the Technical Information of HB54 before using the product.

**Figure 9****Figure 10****Figure 11****Figure 12**

CAUTION:

Read the MSDS before using the products.

HB52 Paste:

Risk Phrases:

R 10 - Flammable.

R 20 - Harmful by inhalation.

R 36 - Irritating to eyes.

Safety Phrases:

S 9 - Keep container in a well ventilated place.

S 23 - Do not breathe fumes.

S 25 - Avoid contact with eyes.

S 26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

HB52 Liquid:

Risk Phrases:

R 10 - Flammable.

R 20 - Harmful by inhalation.

R 36 - Irritating to eyes.

Safety Phrases:

S 9 - Keep container in a well ventilated place.

S 23 - Do not breathe fumes.

S 25 - Avoid contact with eyes.

S 26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

HB52 Extra:

Risk Phrases:

R 10 - Flammable.

R 20 - Harmful by inhalation.

R 36/37 - Irritating to eyes and respiratory system.

Safety Phrases:

S 9 - Keep container in a well ventilated place.

S 23 - Do not breathe fumes.

S 36/37/39 - Wear suitable protective clothing, gloves and eye/face protection.

S 43 - In case of fire, use sand, carbon dioxide or powdered extinguishing agent. Never use water.

HB52 Extra in Gel:

Risk Phrases:

R 10 - Flammable.

R 20 - Harmful by inhalation.

R 36/37 - Irritating to eyes and respiratory system.

Safety Phrases:

S 9 - Keep container in a well ventilated place.

S 23 - Do not breathe fumes.

S 36/37/39 - Wear suitable protective clothing, gloves and eye/face protection.

S 43 - In case of fire, use sand, carbon dioxide or powdered extinguishing agent. Never use water.

HB52 Eco:

Risk Phrases: Not applicable.

Safety Phrases: Not applicable.

ADDITIONAL INFORMATION:

Sometimes it might not be possible to remove stains of epoxy, catalyzed or cured inks.

This information is based on the best of our current knowledge. This product is solely intended for industrial use.

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