

6050-101 Screen Hardener

Technical Data Sheet

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Screen Hardener 6050-101 is a liquid solution stencil waterproofing agent used to improve durability of stencils when used for exceptionally long print runs. This chemical is designed for use with polyester mesh and is not suitable for nylon mesh. Finished stencils treated with Screen Hardener can be decoated but will be more difficult to remove.

Physical Data:

Colour:	Red
Consistency:	Liquid
pH Value:	0.5-1.2
Shelf Life:	1 year at 20°C, 68°F

INSTRUCTIONS FOR USE

Application

1. Make the stencil as required. Dry the screen thoroughly.
2. Apply Screen Hardener on both sides of the dry screen with a soft brush or sponge.
3. Ensure that both sides of the screen are completely treated.

Drying of Hardener

1. Allow the hardener to react for a few minutes. This will allow for the hardener to evaporate from the open areas of the screen and for the emulsion to absorb the hardener.
2. Use air fan or allow air-drying before placing in a drying cabinet. Ensure that the entire stencil area is thoroughly dry before use.

Handling and Storage

- It is recommended to wear suitable protective goggles and gloves. Take particular care to avoid splashes into the eyes and skin contact. If this does occur, rinse immediately with plenty of water. In case of splashes into the eyes, seek medical advice.
- Comprehensive information on the safety and handling of Screen Hardener 6050-101 is given in the appropriate Smiley Material Safety Data Sheet (MSDS), which are available upon request.
- Screen Hardener should be stored in a cool dry area away from heat, light and organic matters (food drinks, etc.). Containers should be tightly closed immediately after use.

Environmental Information

This product is not considered hazardous in general. The working solution can generally be emptied into the drains however larger quantities should be disposed of according to local regulations.

PRODUCT OFFERING:

Packaging:

6050-101 is available in 1 kilo, 5 kilos and 20 kilos containers.

Additional Information

For additional product information, please visit our website at www.smiley.co.th For further information, please contact SPS personnel at CRM@smiley.co.th.

Thank you for choosing **SMILEY**.

Smiley Printing Solution Co., Ltd. (SPS), abides by the quality of this product. The information and recommendations that embody this Technical Data Sheet along with the technical advice are based solely on our knowledge and therefore confident to be precise. This product has been specifically formulated for screen printing. SPS cannot guarantee the precision for other possible application for the reason that manufacturing methods and other materials vary. Any liability amalgamated with the use and application of these products, users are the sole bearer of responsibility for choosing appropriate product for end-users' requirement. This Technical Data Sheet is provided for the technical purpose in the usage of this product and users are expected to follow current recommendation.

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