

5252M Solvent Cleaner

Product Description

Kester 5252M is a halogen-free solvent developed for cleaning applications. Kester 5252M is not ozone depleting and is environmentally friendly. It is a suitable substitute for chlorinated solvents used in cleaning applications where fast air-drying is critical.

Kester 5252M can be used as a solvent to clean stencils efficiently. When there is a possibility of current leakage when parts or assemblies are to be painted or encapsulated, when flux impedes the operation of a mechanical devices, and when cleanliness is important. Kester 5252M provides rapid, effective and safe cleaning action. This cleaning solvent is a non-ionic and relatively non-toxic liquid with mild odor.

Performance Characteristics:

- O.D.P. value of 0, complying to the Montreal Protocol regulations
- Non-ionic and non-corrosive
- Mild odor
- Non-carcinogenic and relatively non-toxic
- Good cleaning efficiency

Physical Properties

Specific Gravity: 0.790 ± 0.005

Anton Paar DMA 35 @ 25°C

Application Notes

Kester 5252M is applied to the part to be cleaned either by immersion or similar means, in such as a manner that the residue is completely immersed in the solvent. When the residue has completely dissolved and is no longer visible, the residual solution is rinsed off with more solvent. It can be used with cleaning equipment such as ultrasonic machines to clean the stencils.

If immersion washing is employed, the liquid should be replaced at regular intervals in order to avoid solvent contamination. Successive rinse tanks can be employed using a second or even a third dip in clean solvent. The purpose is not to only dissolve the residue but also to remove it after it is dissolved.

Cleaning:

Besides being as an effective cleaning solvent for stencils, Kester 5252M can also be used as a rosin residue remover. Kester 5252M readily dissolves reflowed solder pastes, and wave-soldered flux residues. It is a more effective cleaner than is propanol and other commonly used solvents.

The performance of Kester 5252M is confirmed on removing the residues from the following products: -

<u>R244</u> ***	<u>R244T</u> ***	<u>R253</u> ***	<u>R253-5</u> ***	<u>R289TM</u> ***	<u>FL250</u> ***	<u>FL250H</u> ***
<u>933</u> ***	<u>933-7</u> ***	<u>951-BN</u> ***	<u>951-S</u> ***	<u>955</u> ***	<u>1850S</u> ***	

*-degree of cleanliness (***) for excellent cleanliness)

Storage and Shelf Life:

Kester 5252M is flammable. Store away from sources of ignition. Shelf life is 2 years from date of manufacture when handled properly and held at 10-25°C (50-77°F).

Health & Safety:

This product, during handling or use, may be hazardous to health or the environment. Read the Material Safety Data Sheet and warning label before using this product.

World Headquarters: 515 E. Touhy Avenue. Des Plaines, Illinois, 60018 USA
Phone: (+1) 847-297-1600 • **Email:** customerservice@kester.com • **Website:** www.kester.com

Asia Pacific Headquarters
 500 Chai Chee Lane
 Singapore 469024
 (+65) 6449-1133
 customerservice@kester.com.sg

European Headquarters
 Ganghoferstrasse 45
 D-82216 Gernlinden
 Germany
 (+49) 8142-47850
 customerservice@kester-eu.com

Japanese Headquarters
 20-11 Yokokawa 2-Chome
 Sumida-Ku
 Tokyo 130 Japan
 (+81) 3-3624-5351
 jpsales@kester.com.sg

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