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192.48 - Gas Filter

Technical Data Sheet Product 7360

Preliminary

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PRODUCT DESCRIPTION

LOCTITE® Product 7360 is a non-CFC, low odor solvent based formulation for the removal of uncured adhesives and their residues, as used in the electronics PCB assembly industry. This solvent is fully compatible with epoxy adhesives and will not cause hardening during soaking.

TYPICAL APPLICATIONS

LOCTITE 7360 is recommended for cleaning of stencils, screens and dispensing nozzles used for depositing surface mount adhesives and for removing adhesives from mis-printed circuit boards.

LIQUID PROPERTIES

	Typical Value
Solvent type	Aliphatic Ester Blend*
Appearance	Clear colorless
Specific Gravity @ 25°C	1.09
Viscosity @ 20°C, mPa.s (cP)	2 to 3
Flash point (TCC), °C	100
Corrosivity	none

- * This ester blend is an environmentally friendly solvent. It has zero Ozone Depletion Potential. It conforms to German WGK, category one.

TYPICAL PERFORMANCE

Product 7360 is a cleaning agent. Use of this cleaner on a surface has no effect on the speed of cure or final strength of LOCTITE® adhesives other than providing a clean surface for good adhesion. Unclean or partially cleaned surfaces can affect adhesive performance. The solvent is fully compatible with commonly used solder resists.

GENERAL INFORMATION

For safe handling information on this product, consult the Material Safety Data Sheets, (MSDS).

Directions for use

It is advisable to use protective clothing to avoid contact with the solvent and adhesive. The low volatility of this solvent makes it ideal for open reservoirs but does mean that it requires drying by cloth or compressed air.

Cleaning dispenser needles & components

- using spray can with extension tube and tip

1. The simplest and most effective cleaning is to 'jet spray' the uncured adhesive out of the needle bore by ensuring a snug fit between the tip on the extension tube and the needle. (The tip can be cut to suit different needle types.)
2. Dry out needle by blowing through bore using dry compressed air.
3. Check for cleanliness and that no blockages remain.

- using ultrasonic or static bath

1. Uncured adhesive should be mechanically removed as much as possible by using a blunt tool for any larger cavities and a drill bit or piano wire of appropriate diameter for the needle bore. This operation helps minimize solvent usage.

2. Immerse items to be cleaned in a reservoir of fresh solvent.
3. If using an ultrasonic bath, set at maximum power for 3 minutes at 40°C.
4. If using a static bath, use tweezers to agitate the items in the bath until solvent has become stained due to removal of adhesive. Rinse in fresh solvent to confirm cleanliness.
5. For needles with very small bores or cavities it is recommended to follow with a 'jet spray' clean as described above.
6. Dry out parts and blow through bore using dry compressed air.

Cleaning boards, stencils, wiper blades

1. Apply solvent direct from can to dry lint free cloth, or spray directly onto adhesive on surface to be cleaned.
2. Wipe away uncured adhesive. (One wipe is usually sufficient.)
3. Dry surface with a clean dry cloth.

- All dispensing parts being cleaned may be left to soak for several days without risk of hardening the adhesive or adversely affecting the material being cleaned.
- While the solvent has been checked for compatibility with materials commonly used in PCB assembly, certain plastics or coatings may be affected and should be checked for compatibility before use.
- Needle blockages due to cured or partially cured adhesive should be cleared using a drill bit before solvent cleaning.

Storage

Products shall be ideally stored in a cool, dry location in unopened containers. For further specific shelf life information, contact your local Technical Service Center.

Note

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