

Specification

Appearance:	Clear, mobile liquid
Colour:	Brown. Can darken with age.
Odour:	Aliphatic-hydrocarbon
S.G.:	0.82
Dissolution time	20 Seconds (how quickly it starts to work on silicone rubber)
Capacity	up to 140 grams per litre of silicone can be dissolved

Method of use.

Important: As little as 0.3% water stops the catalytic action so all surfaces and areas being treated must be dry. In addition the presence of water can cause Digesil® to become corrosive to metals. Most solvents and detergents and many other chemicals also deactivate the system so make sure everything is free from contamination. Do not store in an open container. Enough water can be absorbed from the atmosphere to stop the product working.

As the number of applications is so numerous it is only possible to give general guidelines as to how to use the product. Please contact us with details of your process if you would like more specific application details.

Best results will be achieved by immersion of the equipment to be cleaned in a tank of Digesil®NC. Slow movement of the liquid with a pump or impeller will increase the speed of action fourfold. It is important that the tank is fitted with a lid to keep out atmospheric moisture. Leave until all silicone is dissolved. The time required will depend on the thickness of the silicone and its degree of cross-linking but Digesil® NC will most likely loosen and debond cured silicone residues in 30 minutes to 1 hour. Repeated brush applications can be used if immersion is not possible. After treatment, rinse well with water or solvent to achieve a silicone-free surface. For best results, brush or swab with iso-propanol and rinse in flowing water otherwise rinse in water with some brushing.

NB Do not replace parts wet with water or iso-propanol into Digesil®. Both can stop Digesil® from working and water can make Digesil® corrosive to metals.

WASTE & UNUSED MATERIAL

We advise that any rinse off or unused material is collected and disposed of via a certified chemical waste disposal company.

We provide information and advice on application technologies and relevant regulations based upon our current knowledge and opinion. We make no representation or warranty of any kind, express or implied, including merchantability or fitness for a particular use, with respect to such information or its application. The customer must independently determine the suitability of our products for the customer's intended product, use or process. The customer is responsible for observing all laws and regulations relevant to such products, uses or processes.

Polymer Systems Technology Limited

Unit 2, Network 4, Lincoln Road, Cressex Business Park, High Wycombe, Buckinghamshire, HP12 3RF
t: +44 (0) 1494 446610 e: sales@silicone-polymers.co.uk

www.silicone-polymers.com

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It is the sole responsibility of each purchaser to ensure that any use of these materials is safe and complies with all applicable laws and regulations. It is the user's responsibility to adequately test and determine the safety and suitability for their applications, and Polymer Systems Technology Limited makes no warranty concerning fitness for any use or purpose.



Polymer Systems Technology Limited

Silicone Sales & Services UK - Ireland - Benelux

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Unit 2. Network 4. Cressex Business Park,
Lincoln Road, High Wycombe, Bucks. HP12 3RF

tel: +44 (0) 1494 446610

web: <https://www.silicone-polymers.com>

email: sales@silicone-polymers.co.uk

