

LOCTITE STYCAST AC 0305

December 2016

PRODUCT DESCRIPTION

LOCTITE STYCAST AC 0305 provides the following product characteristics:

Technology	Solvent
Components	One part - requires no mixing
Cure	Room temperature cure
Application	Thinner

Under some conditions of use, Hysol[®] printed circuit coatings may require adjustment of viscosity and/or film thickness, this can be done by adding solvent. LOCTITE STYCAST AC 0305 is a special blend of solvents designed to give moderately slow evaporation. Other solvents, such as Methyl Ethyl Ketone (MEK), Methoxy Propyl Acetate, Xylene, and Toluene, can be used alone or as a mixture depending on how coating will be applied and drying time desired. The evaporation rate of some recommended solvents starting with the fastest are as follows: Methyl Ethyl Ketone, Toluene, Xylene, Hysol[®] AC0305, Methoxy Propyl Acetate. Methyl Ethyl Ketone, Toluene, Xylene, Hysol[®] AC0305, Methoxy Propyl Acetate. Dilutions of 15-20% will generally be sufficient for most applications. Excess dilution may require additional applications to achieve the desired film build. When using solvents to dilute the coating, the board should be allowed to air dry at least 30 minutes at room temperature 25°C to remove solvent before oven cure or applying additional coats. the board should be allowed to air dry at least 30 minutes at room temperature. to remove solvent before oven cure or applying additional coats. If additional information is required, please contact your local technical representative.

GENERAL INFORMATION

For safe handling information on this product, consult the Safety Data Sheet, (SDS).

This product is not recommended for use in pure oxygen and/or oxygen rich systems and should not be used with chlorine or other strong oxidizing materials.

Not for product specifications

The technical data contained herein are intended as reference only. Please contact your local quality department for assistance and recommendations on specifications for this product.

STORAGE:

Store product in the unopened container in a dry location. Storage information may be indicated on the product container labeling.

Optimal Storage: 8 °C to 21°C. Storage below 8 °C or greater than 28 °C can adversely affect product properties.

Material removed from containers may be contaminated during use. Do not return product to the original container. Henkel Corporation

cannot assume responsibility for product which has been contaminated or stored under conditions other than those previously indicated. If additional information is required, please contact your local Technical Service Center or Customer Service Representative.

Conversions

$(^{\circ}\text{C} \times 1.8) + 32 = ^{\circ}\text{F}$
 $\text{kV/mm} \times 25.4 = \text{V/mil}$
 $\text{mm} / 25.4 = \text{inches}$
 $\text{N} \times 0.225 = \text{lb}$
 $\text{N/mm} \times 5.71 = \text{lb/in}$
 $\text{psi} \times 145 = \text{N/mm}^2$
 $\text{MPa} = \text{N/mm}^2$
 $\text{N}\cdot\text{m} \times 8.851 = \text{lb}\cdot\text{in}$
 $\text{N}\cdot\text{m} \times 0.738 = \text{lb}\cdot\text{ft}$
 $\text{N}\cdot\text{mm} \times 0.142 = \text{oz}\cdot\text{in}$
 $\text{mPa}\cdot\text{s} = \text{cP}$

Disclaimer

Note:

The information provided in this Technical Data Sheet (TDS) including the recommendations for use and application of the product are based on our knowledge and experience of the product as at the date of this TDS. The product can have a variety of different applications as well as differing application and working conditions in your environment that are beyond our control. Henkel is, therefore, not liable for the suitability of our product for the production processes and conditions in respect of which you use them, as well as the intended applications and results. We strongly recommend that you carry out your own prior trials to confirm such suitability of our product.

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