

LOCTITE STYCAST ANTIFOAM 88

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PRODUCT DESCRIPTION

LOCTITE STYCAST ANTIFOAM 88 provides the following product characteristics:

Technology	Acrylated copolymer
Appearance	Clear liquid
Product Benefits	<ul style="list-style-type: none">• Reduces foaming• Little effect on resin cured properties• Low viscosity
Application	Additive

LOCTITE STYCAST ANTIFOAM 88 organic air release additive is designed to reduce or prevent foam formation in epoxies, urethanes, polyesters, and polysulfide rubbers. It is also useful when added to resin systems that need to be de-aired under vacuum where excessive foaming frequently causes problems. Since a very small amount of the material is required, end properties of the final system should only be effected minimally, if at all.

TYPICAL PROPERTIES OF UNCURED MATERIAL

Viscosity, Brookfield, 38 °C, mPa·s (cP)	100
Density, g/cm ³	0.85
Shelf Life @ 25°C, days	365
Flash Point - See SDS	

GENERAL INFORMATION

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

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.

DIRECTIONS FOR USE

1. Add LOCTITE STYCAST ANTIFOAM 88 to the resin and mix well. The most effective amount of ANTIFOAM 88 for each resin system is determined by experimentation.
2. Start with 1 drop per 300 grams of resin. Use small amounts of LOCTITE STYCAST ANTIFOAM 88 first and increase the amount as indicated by experimentation. If you add too much of the material, the resin system may cure with a "greasy" surface in filled systems or cloudiness will be created in clear systems.
3. LOCTITE STYCAST ANTIFOAM 88 is particularly useful for de-airing resin systems under vacuum. Use a container about 1/3 full to compensate for the expansion of material volume during de-airing.
4. Add the proper amount of the material and mix into the resin system. Pull one atmosphere or 29 inches (760 mm) of mercury of vacuum.
5. The resin system will foam and rise to several times its liquid height and then break and fall.
6. The ANTIFOAM 88 lowers the surface tension of the resin system making it easier for the bubbles to break during the vacuum process.

Storage

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

Optimal Storage : 25 °C

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

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

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