

**BONDERITE®****BONDERITE L-AD 42**

February 2013

**PRODUCT DESCRIPTION**

BONDERITE L-AD 42 provides the following product characteristics:

<b>Technology</b>	Defoamer
<b>Chemical Type</b>	Organo silicone
<b>Appearance</b>	White opaque liquid
<b>Solubility in Water</b>	Dispersible
<b>Application</b>	Anti-Foam

BONDERITE L-AD 42 is a free-rinsing, organo silicone emulsion and is very effective on a variety of surfactant-based foams. BONDERITE L-AD 42 will effectively control foam generated in a variety of applications such as polymers, water-based adhesives, graphic arts, various latex systems, wastewater treatment systems (aeration ponds and effluent outfall) and various chemical applications.

**TYPICAL PROPERTIES**

pH	6.5 to 9.0	
Weight per volume	kg/L	1
	(lbs/gal)	(8.35)

**GENERAL INFORMATION**

**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.**

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

**Directions for use:**

Recommended usage levels are 15 to 1000 ppm based on the weight of the system. The product may be metered on a continuous basis or added on a batch process. Product may be used "as-is" or diluted with water prior to use

**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.**

**NOTE: Do not freeze product.** 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**

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

**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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Reference 0.0