

# LOCTITE CAT 15-1 LV

November 2012

**PRODUCT DESCRIPTION**

LOCTITE CAT 15-1 LV provides the following product characteristics:

|                         |  |
|-------------------------|--|
| <b>Technology</b>       | Amine Hardener   |
| <b>Appearance</b>       | Black liquid   |
| <b>Product Benefits</b> | <ul style="list-style-type: none"><li>• Low temperature cure</li></ul> |
| <b>Cure</b>             | Heat cure  |
| <b>Application</b>      | Curing Agent   |

LOCTITE CAT 15-1 LV hardener is designed for use with potting and encapsulating resins.

**TYPICAL PROPERTIES OF UNCURED MATERIAL**

|  |        |
|--|--------|
| Viscosity, Cone & Plate, mPa·s (cP)                | 11,000 |
| Specific Gravity, Pycnometer                       | 0.96   |
| Shelf Life @ 25°C (from date of manufacture), days | 365    |

**TYPICAL CURING PERFORMANCE****Cure Schedule**

1 to 2 hours @ 70°C

The above cure profiles are guideline recommendations. Cure conditions (time and temperature) may vary based on customers' experience and their application requirements, as well as customer curing equipment, oven loading and actual oven temperatures.

**GENERAL INFORMATION**

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

**DIRECTIONS FOR USE**

1. When used with LOCTITE ABLESTIK 45LV, add 25 to 100 grams of LOCTITE CAT 15-1 LV for each 100 grams of LOCTITE ABLESTIK 45LV.
2. Hardness can be adjusted by varying mixing ratio.

**Storage**

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

**Optimal Storage : Room Temperature**

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.

**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.

**Conversions**

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

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#### **Reference 0.1**