



LOCTITE® 8201™

June 2005

PRODUCT DESCRIPTION

LOCTITE® 8201™ provides the following product characteristics:

Technology	Oil & Grease
Chemical Type	Mineral oils
Appearance	Clear yellow liquid ^{LMS}
Propellant	Carbon dioxide
Cure	Not applicable
Application	Lubrication

LOCTITE® 8201™ is a universal penetrating liquid which frees, lubricates, cleans, dries and prevents corrosion on all machinery. This product does not contain silicone. It is used to free seized or corroded parts such as threaded fasteners, hinges and cylindrical joints. LOCTITE® 8201™ provides light lubrication of small mechanisms. It displaces moisture from damp electrical devices and leave a protective anti-corrosive film. This product is typically used in applications with an operating range of -20 °C to +120 °C.

TYPICAL PROPERTIES

Density, ISO 3675 @ 20 °C, g/cm³	0.898 to 0.918 ^{LMS}
Flash Point - See MSDS	
Refractive Index	1.4824 to 1.4844 ^{LMS}
Copper Corrosion, 3 hours @ 100 °C, ISO 2160	1a
Viscosity @ 50°C, cSt	17.5
Flow Time, @ 20 °C, ISO 2431, seconds:	
2.5 cup	90 to 94

GENERAL INFORMATION

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

Directions for use

1. Shake can thoroughly before use.
2. Spray on to clean parts, where possible, from a distance of approximately 20 to 30 cm to give a uniform film.

Loctite Material Specification^{LMS}

LMS dated January 10, 2005. Test reports for each batch are available for the indicated properties. LMS test reports include selected QC test parameters considered appropriate to specifications for customer use. Additionally, comprehensive controls are in place to assure product quality and consistency. Special customer specification requirements may be coordinated through Henkel Quality.

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

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

Note

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Technologies

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Reference 1.0