

LOCTITE® LB 8192™

Known as LOCTITE® 8192™
December 2013

PRODUCT DESCRIPTION

LOCTITE® LB 8192™ provides the following product characteristics:

Technology	Lubricants
Chemical Type	PTFE dispersion
Appearance	white
Odor	Solvent
Dispense Method	Spray
Propellant	Propane/Butane
Cure	Solvent evaporation
Application	Lubrication

LOCTITE® LB 8192™ forms a dry bonded coating at room temperature that creates ideal sliding surfaces for free movements on non-metal surfaces such as wood, plastic, elastomers and ceramics as well as metals. This coating acts as a dry lubricant preventing accumulation of dust or dirt. It also provides corrosion protection and is sometimes used as a mould release agent. This product is typically used in applications with an operating range of -180 °C to +260 °C.

NSF International

Registered to NSF Category H2 for use as a lubricant where there is no possibility of food contact in and around food processing areas. **Note:** This is a regional approval. Please contact your local Technical Service Center for more information and clarification.

TYPICAL PROPERTIES

Density, ISO 3675 @ 20 °C, g/ml	0.811
Viscosity, DIN CUP 4, seconds	11
Tack Free Time, minutes	1
Cure Time @ 20 °C, minutes	5
Peak Temperature, °C	300
Pressure @ 20°C, Bar	4.8
Delivery Rate, g/s	1.2

Flash Point - See SDS

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 selected as a lubricant for chlorine or other strong oxidizing materials.

Directions for use

1. Shake can thoroughly. Spray from a distance of about 20 to 30 cm onto the area to be treated.
2. For best results, apply to clean, dry surfaces.

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

The product is classified as **HIGHLY FLAMMABLE** and must be stored in an appropriate manner in compliance with relevant regulations. Do not store near oxidizing agents or combustible materials. Store product in the unopened container in a dry location. Storage information may also be indicated on the product container labelling

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

Henkel 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

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

Disclaimer

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. Any liability in respect of the information in the Technical Data Sheet or any other written or oral recommendation(s) regarding the concerned product is excluded, except if otherwise explicitly agreed and except in



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