Technical Data Sheet

LOCTITE® LB 8191™

Known as LOCTITE® 8191™
January 2015

PRODUCT DESCRIPTION

LOCTITE® LB 8191™ provides the following product characteristics:

Technology	Lubricants
Chemical Type	Molybdenum disulfide in resin
Appearance	Black
Odor	Solvent
Dispense Method	Spray
Propellant	Propane/Butane
Cure	Solvent evaporation
Application	Lubrication

LOCTITE® LB 8191™ is a molybdenum disulfide bonded coating at room temperature. This coating acts as a dry lubricant preventing accumulation of dust or dirt. The coating creates ideal sliding surfaces for free movements on hinges, slipways on conveyor equipment, etc. It also offers corrosion protection to metal surfaces. This product is typically used in applications with an operating range of -40 °C to +340 °C.

TYPICAL PROPERTIES

Density, ISO 3675 @ 25 °C, g/ml	0.75
Viscosity, DIN CUP 4, seconds	11
Cure Time @ 20 °C, minutes	10
Tack Free Time , minutes	5
Peak Temperature, °C	400
Pressure @ 20°C, Bar	3.8
Delivery Rate, g/s	1
Salt Spray Test, DIN 53210 (250 hours)	Ri5

Flash Point - See SDS

GENERAL INFORMATION

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.

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

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 Representive

Conversions

(°C x 1.8) + 32 = °F
kV/mm x 25.4 = V/mil
mm / 25.4 = inches
µm / 25.4 = mil
N x 0.225 = lb
N/mm x 5.71 = lb/in
N/mm² x 145 = psi
MPa x 145 = psi
N·m x 8.851 = lb·in
N·m x 0.738 = lb·ft
N·mm x 0.142 = oz·in
mPa·s = cP

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Reference 2.1