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LOCTITE®

Technical Data Sheet

LOCTITE® LB 8014™

Known as LOCTITE® 8014™ or LOCTITE® Food Grade Anti-Seize™
January 2015

PRODUCT DESCRIPTION

LOCTITE® LB 8014™ provides the following product characteristics:

Technology	Anti-Seize
Appearance	Smooth white paste[LMS]
Components	One component - requires no mixing
Cure	Not applicable
Application	Lubrication
Specific Benefits	• Lubricates, seals, and prevents galling in stainles steel joints and threaded connections • Temperature resistant to 400 °C • Metal free formulation

LOCTITE® LB 8014™ prevents seizing, galling, friction, and wear on threaded joints and other metal-to-metal surfaces. It is a combination of white lubricating solids and extreme pressure lubricating agents in an aluminum gelled white oil. Typical applications include pipe joints, nuts, bolts and studs, flange gaskets, slip-fit, press-fit and keyed shafts, and metal-to-metal contact involving stainless steel and other stainless alloys. It is used in industrial food industries such as meat and poultry packing plants, dairy products processing plants, canning plants, grain processing plants, sugar processing plants, bakeries, beverage plants, breweries, hospitals, and other general plant maintenance. This product is typically used in applications with an operating range of -29 °C to +400 °C.

NSF International

Registered to NSF Category H1 for use as a lubricant with incidental 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 OF UNCURED MATERIAL

Specific Gravity @ 25 °C	1.08
Penetration, ISO 2137, unworked, 1/10 mm	340
Weight Per Gallon, lbs/gal	8.8 to 9.7[LMS]
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. For best performance the mating surface should be clean and free of grease.
2. Apply thin coating to threads and flats of nuts and bolts, assemble.
3. Use full strength. Do not thin.

Loctite Material Specification[LMS]

LMS dated October 16, 2000. 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 Henkel Representative.

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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