



LOCTITE[®] 7803[™]

June 2005

PRODUCT DESCRIPTION

LOCTITE[®] 7803[™] provides the following product characteristics:

Technology	Solvent-Based
Chemical Type	Mineral oil, paraffin wax and corrosion inhibitors
Appearance	Beige liquid ^{LMS}
Propellant	Carbon dioxide
Cure	Dries
Application	Coating

LOCTITE[®] 7803[™] provides a non-drying, tack-free coating on metals with long term corrosion protection and has good U.V. resistance. This product is especially suited for iron, steel, sheet steel, pipes, moulds, machines and installations that have to be stored outdoors. This product is typically used in applications with an operating range of -10 °C to +40 °C.

TYPICAL PROPERTIES

Density @ 20 °C, g/cm ³	0.698 to 0.702 ^{LMS}
Viscosity @ 20°C, cSt	10.8 to 11.2 ^{LMS}
Copper Corrosion, 3 hours @ 100 °C, ISO 2160	1a
Flash Point - See MSDS	

TYPICAL ENVIRONMENTAL RESISTANCE

Salt Spray Test (5%, 35 °C), ISO 9227:

0 to 312 hrs	Ri 0
312 to 552 hrs.	Ri 1
552 to 744 hrs.	Ri 2
744 to 840 hrs.	Ri 3
840 to 1,056 hrs.	Ri 4
After 1,056 hrs.	Ri 5

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 December 8, 2004. 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

(°C x 1.8) + 32 = °F
kV/mm x 25.4 = V/mil
mm / 25.4 = inches
N x 0.225 = lb
N/mm x 5.71 = lb/in
N/mm ² 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

Note

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Reference 1.0