Technical Data Sheet

LOCTITE® MR 5009™

Known as LOCTITE® 5009™
January 2015

PRODUCT DESCRIPTION

LOCTITE® MR 5009™ provides the following product characteristics:

Technology	Solvent based
Chemical Type	Elastomers & Resins in Acetone
Appearance	Red liquid[LMS]
Components	One part - requires no mixing
Viscosity	Medium
Cure	Solvent evaporation
Application	Gasket sealant
Specific Benefit	• Applies easily • Fast drying • Prevents seizing • Assures correct gasket alignment • Color coded for uniform application • Allows easy disassembly • Resists most automotive and industrial fluids

LOCTITE® MR 5009™ is a red colored viscous liquid with a characteristic solvent odor which is a blend of elastomers and resins that is brushable and dries quickly to a highly tacky film. It is designed to seal or bond rubber, cork, felt, paper and metal gaskets. It seals threaded hose connections, waterproofs and protects electrical terminals and wiring.

Typical applications include gaskets, threaded connections, hose connections, weatherstripping, waterproofing for electrical terminals, spark plugs and wires, rear axle assembly, tubeless tyre beads, differential assemblies, filter lin connections and terminal protector

TYPICAL PROPERTIES OF UNCURED MATERIAL

Specific Gravity @ 25 °C	0.87
Viscosity, Brookfield - RVT, 25 °C, mPa·s (cP):	
Spindle 1, speed 10 rpm,	235 to 305[LMS]
Flash Point - See SDS	
Odor	Acetone

GENERAL INFORMATION

This product is not recommended for use in pure oxygen and/or oxygen rich systems and should not be selected as a sealant for chlorine or other strong oxidizing materials.

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

Directions for use:

1. Clean surfaces to remove all dirt, oil, rust, paints and dried sealants. Keep surfaces dry and free from mold release agents.
2. Using brush, apply a thin, even coat on both surfaces to be assembled.
3. Allow to set until solvent has evaporated and film is dry.
4. Assemble parts. Pre-coat gaskets or bolts for convenience in assembling.
5. Remove with lacquer thinner.

Loctite Material Specification[LMS]

LMS dated July 25, 2001. 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
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

Note:

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

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