Technisches Datenblatt

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Warengruppe:	KLEBSTOFF
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LOCTITE® MR 5922™

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Technical Data Sheet

LOCTITE® MR 5922™

Known as LOCTITE® 5922™
May 2018

PRODUCT DESCRIPTION

LOCTITE® MR 5922™ provides the following product characteristics:

Technology	Solvent based
Chemical Type	Resin / Isopropanol / Fillers
Appearance	Black viscous paste[LMS]
Components	One part - requires no mixing
Viscosity	Very high
Cure	Solvent evaporation
Application	Sealing
Product Benefits	• Extends gasket life • Prevents leaks • Hard setting • Slow drying

LOCTITE® MR 5922™ is a slow drying, flexible setting paste that changes to a pliable, non-hardening film through solvent evaporation. It seals flanges, fittings, connections and flexible assemblies against leakage. It increases the reliability of gasket seals.

It is specifically designed to improve the sealing performance of pre-formed gaskets made of cork, metal, plastic, rubber etc. in non-rigid assemblies which may be subject to vibrations and require disassembly on a frequent interval. It may also be used for repair of damaged pre-cut gaskets

TYPICAL PROPERTIES OF UNCURED MATERIAL

Specific Gravity @ 25 °C	1.5
Viscosity, Brookfield - RVT,25°C,mPa·s (cP):	
Spindle 7,, speed 5 rpm	500,000 to 700,000[LMS]
Solids Content, % by weight	~87

Flash Point - See SDS

TYPICAL CURING PERFORMANCE

LOCTITE® MR 5922™ , once applied, develops a hard, semi-flexible sealant by solvent evaporation. Dry times will vary with temperature, humidity and gap.

Chemical/Solvent Resistance

LOCTITE® MR 5922™ retains effective properties in contact with water, ethylene glycol, gasoline, motor oil, transmission fluid and sea water.

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. Remove all previous material from mating surfaces.
2. For best results, clean and dry all surfaces with a residue-free solvent.
3. Remove cap, puncture tube (using self-piercing cap) or cartridge seal and attach extension nozzle (if provided).
4. When used as a gasket dressing, spread product with a spatula to a uniform film on one side of gasket and then position it on the assembly. Coat the second side of gasket and re-assemble. Slower drying formula increases work time.
5. Assembly is operational after 4 hours, full cure is effective after 24 hours.

Clean-up

1. LOCTITE® MR 5922™ can be removed from metal surfaces with isopropanol. If the sealant has been dried for a long time or at high temperatures, cover the sealant with alcohol and allow to soften overnight.
2. Clean hands with hand cleaners.

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

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 applications and results. We strongly recommend that you carry out your own prior trials to confirm such suitability of our product.
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