

LOCTITE® SF 7063™

Known as LOCTITE® 7063™
December 2013

PRODUCT DESCRIPTION

LOCTITE® SF 7063™ provides the following product characteristics:

Technology	Solvent cleaner
Chemical Type	Isoparaffin, Dimethoxymethane and Ethanol blend
Appearance	Clear colorless solution ^{LMS}
Viscosity	Very low
Cure	Not applicable
Application	Surface cleaner

LOCTITE® SF 7063™ is a non-CFC solvent based formulation for cleaning and degreasing of surfaces to be bonded with LOCTITE® adhesives. The product can also be used for cleaning and degreasing machine components during maintenance operations.

TYPICAL PROPERTIES

Specific Gravity @ 25 °C	0.74
Infrared Spectrum	As standard ^{LMS}
Viscosity @ 20°C, mPa·s (cP)	2
Drying Time @ 20 °C, seconds	≤60
TLV (ACGIH), ppm	600
Flash Point - See SDS	

TYPICAL PERFORMANCE

LOCTITE® SF 7063™ has no effect on the speed of cure or final strength of LOCTITE® adhesives other than providing a clean surface for good adhesion and adhesive cure. Unclean or partially cleaned surfaces can affect adhesive performance.

Handling precautions

Cleaner must be handled in a manner applicable to highly flammable materials and in compliance with relevant local regulations.

Special care must be taken to avoid contact of the product or its vapour with naked flame or any electrical equipment that is not flame proofed.

The solvent can affect certain plastics or coatings. It is recommended to check all surfaces for compatibility before use.

GENERAL INFORMATION

This product is not recommended for use in pure oxygen and/or oxygen rich systems and should not be selected with 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. Treat surfaces to be cleaned by spraying or wiping surfaces with a solvent soaked paper towel.
2. Wipe surfaces when still wet with a clean cloth to remove all heavy contamination. If necessary, spray surfaces again to allow run-off of product.
3. Repeat cleaning process if necessary.
4. Allow LOCTITE® SF 7063™ to fully evaporate from parts prior to bonding to avoid solvent entrapment within the bond joint.
5. Apply the Loctite® adhesive immediately after drying and assemble bond.

Loctite Material Specification^{LMS}

LMS dated December 01, 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

The product is classified as 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.

Material removed from containers may be contaminated during use. Do not return product to the original container. 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 Representative.

Conversions

$(^{\circ}\text{C} \times 1.8) + 32 = ^{\circ}\text{F}$

$\text{kV/mm} \times 25.4 = \text{V/mil}$

$\text{mm} / 25.4 = \text{inches}$

$\mu\text{m} / 25.4 = \text{mil}$

$\text{N} \times 0.225 = \text{lb}$

$\text{N/mm} \times 5.71 = \text{lb/in}$

$\text{N/mm}^2 \times 145 = \text{psi}$

$\text{MPa} \times 145 = \text{psi}$

$\text{N}\cdot\text{m} \times 8.851 = \text{lb}\cdot\text{in}$

$\text{N}\cdot\text{m} \times 0.738 = \text{lb}\cdot\text{ft}$

$\text{N}\cdot\text{mm} \times 0.142 = \text{oz}\cdot\text{in}$

$\text{mPa}\cdot\text{s} = \text{cP}$

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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