



# LOCTITE<sup>®</sup> 7061<sup>™</sup>

June 2010

## PRODUCT DESCRIPTION

LOCTITE<sup>®</sup> 7061<sup>™</sup> provides the following product characteristics:

<b>Technology</b>	Solvent based
<b>Appearance</b>	Transparent, colorless liquid <sup>LMS</sup>
<b>Solvent</b>	Acetone / Alcohol*
<b>Cure</b>	Not applicable
<b>Application</b>	Surface preparation
<b>Specific Benefit</b>	<ul style="list-style-type: none"> <li>• Non-corrosive</li> <li>• Alternative to 1,1,1 Trichloroethane</li> </ul>

LOCTITE<sup>®</sup> 7061<sup>™</sup> is a non-CFC solvent based formulation for cleaning and degreasing of surfaces to be bonded with LOCTITE<sup>®</sup> adhesives. The product is used as a final pre-assembly cleaning treatment to remove most greases, oils, lubrication fluids, metal cuttings and fines from surfaces to be bonded. Its high solvent power allows it to be very effective in other degreasing or part-cleaning applications.

## TYPICAL PROPERTIES

Specific Gravity @ 25 °C	0.8
Flash Point - See MSDS	
Viscosity @ 20°C, mPa·s (cP)	2.0
Infrared Spectroscopy	To match standard <sup>LMS</sup>
Drying Time @ 20 °C, seconds	60
TLV (ACGIH), ppm	813

## TYPICAL PERFORMANCE

LOCTITE<sup>®</sup> 7061<sup>™</sup> has no effect on the speed of cure or final strength of LOCTITE<sup>®</sup> adhesives other than providing a clean surface for good adhesion and adhesive cure. Unclean or partially cleaned surfaces can affect adhesive performance.

## 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 Material Safety Data Sheet (MSDS).**

## 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.

## Directions for use:

1. Treat surfaces to be bonded by generously spraying with LOCTITE<sup>®</sup> 7061<sup>™</sup>.
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. Spray surfaces again, preferably with surfaces in vertical position to allow run-off of the cleaner.
4. Allow LOCTITE<sup>®</sup> 7061<sup>™</sup> to fully evaporate from parts prior to bonding to avoid solvent entrapment within the bond joint.
5. Apply the Loctite<sup>®</sup> adhesive immediately after drying and assemble bond.

## Loctite Material Specification<sup>LMS</sup>

LMS dated September 01, 1995. 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**

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Reference 0.2