



LOCTITE® 8005™

August 2005

PRODUCT DESCRIPTION

LOCTITE® 8005™ provides the following product characteristics:

Technology	Solvent-Based
Chemical Type	Pentane/acetone solvent and lubricants
Appearance	Clear yellow liquid ^{LMS}
Propellant	Carbon dioxide
Solubility in Water	Insoluble
Cure	Not applicable
Application	Belt repair
Specific Benefit	Does not contain CFC

LOCTITE® 8005™ is a product in an aerosol can specifically designed for use on all types of belts to increase pulling power and to prevent belt slippage due to heat, cold, dampness or dust. It restores moisture to prevent cracking and premature wear and extends the overall life of the belt. LOCTITE® 8005™ can be used on V- and flat belts made of rubber, leather or fabric. It is particularly suitable for all types of transmission belts in cars, trucks, busses and marine engines, but also suitable for belts in farm equipment, air conditioning units, home appliances and industrial belt drives.

TYPICAL PROPERTIES

Specific Gravity @ 25 °C	0.732 to 0.744 ^{LMS}
Solids/Non-Volatile Content, %	20.1 to 22.1 ^{LMS}
Refractive Index	1.384 to 1.396 ^{LMS}
Viscosity @ 25°C, mPa·s (cP)	<100
Flash Point - See MSDS	

GENERAL INFORMATION

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

Handling precautions

Pressurised container. Protect from sunlight and do not expose to temperatures exceeding 50 °C. Do not pierce or burn, even after use. Do not spray on an open flame or any incandescent material.

Directions for use

1. Shake can thoroughly before use.
2. Best results are obtained when the product is at room temperature.
3. While engine is idling, spray LOCTITE® 8005™ from a distance of approximately 20 cm into the groove of the pulley which is the easiest to access.
4. Spray an even coat on all driving surfaces. A uniform, thin coat is sufficient. Avoid excessive application of the product. If liquid runs off, it indicates an over-application.
5. CAUTION: Engine is idling when spraying. It is advisable to use an extension tube whenever and wherever practical to avoid injury.

Loctite Material Specification^{LMS}

LMS dated January 13, 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 data contained herein are furnished for information only and are believed to be reliable. We cannot assume responsibility for the results obtained by others over whose methods we have no control. It is the user's responsibility to determine suitability for the user's purpose of any production methods mentioned herein and to adopt such precautions as may be advisable for the protection of property and of persons against any hazards that may be involved in the handling and use thereof. In light of the foregoing, **Henkel Corporation specifically disclaims all warranties expressed or implied, including warranties of merchantability or fitness for a particular purpose, arising from sale or use of Henkel Corporation's products. Henkel Corporation specifically disclaims any liability for consequential or incidental damages of any kind, including lost profits.** The discussion herein of various processes or compositions is not to be interpreted as representation that they are free from domination of patents owned by others or as a license under any Henkel Corporation patents that may cover such processes or compositions. We recommend that each

prospective user test his proposed application before repetitive use, using this data as a guide. This product may be covered by one or more United States or foreign patents or patent applications.

Trademark usage

Except as otherwise noted, all trademarks in this document are trademarks of Henkel Corporation in the U.S. and elsewhere. ® denotes a trademark registered in the U.S. Patent and Trademark Office.

Reference 1.1