



LOCTITE[®] Clover[®] Silicon Carbide Grease Mix

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PRODUCT DESCRIPTION

LOCTITE[®] Clover[®] Silicon Carbide Grease Mix provides the following product characteristics:

Technology	Grinding Compound
Chemical Type	Silicon carbide in a petroleum carrier
Appearance	Grey/Black paste
Cure	Non-curing
Application	Grinding, Lapping and Honing
Specific Benefit	<ul style="list-style-type: none"> Sixteen (16) discrete particle sizes - 1200, 1000, 800, 600, 500, 400, 320, 280, 240, 220, 180, 150, 120, 100, 80, 54 Each grit is held within either ANSI or FEPA specifications for particle size distribution

LOCTITE[®] Clover[®] Silicon Carbide Grease Mix abrasive pastes are the preferred abrasives for fast cutting all but the hardest and toughest metals. The result is a smooth flat surface. LOCTITE[®] Clover[®] Silicon Carbide Grease Mix is the most widely used. It retains the texture and lubrication properties during extended lapping. Typical applications include lapping, honing and grinding valve seats, gear teeth, dowel holes in dies, bushings, flat surfaces on seals and castings, machining parts, shafts, knives and cutting blades.

TYPICAL PROPERTIES

Specific Gravity @ 25 °C	1.1 to 1.24
Moh's Hardness Value	9.5
Flash Point - See MSDS	

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).

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/mm ² 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 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.

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Reference 1.0