

LOCTITE® MR 5416Known as LOCTITE® All-Purpose Spray Adhesive
January 2015**PRODUCT DESCRIPTION**

LOCTITE® MR 5416 provides the following product characteristics:

Technology	Solvent based
Chemical Type	Rubber
Appearance	Milky white viscous liquid
Cure	Air dry
Application	Bonding-maintenance
Specific Benefit	<ul style="list-style-type: none">● Fast tack● Resists water and humidity● Repositionable or permanent bond● Adheres to both porous and non-porous materials● Will not bleed through surfaces● Safe on all surfaces● VOC compliant● Non-shrinking

LOCTITE® MR 5416 is an all-purpose, pressure sensitive, spray adhesive that allows both permanent and repositionable bonding. Typical applications include paper, fabric, leather, cardboard, polystyrene foam, foam rubber, foil, metal, most plastics, rubber, felt, cork, glass and wood.

TYPICAL PROPERTIES

Specific Gravity @ 25 °C 0.71
Flash Point - See SDS

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. Provide adequate ventilation.
2. For best performance part surfaces should be clean and free of grease.
3. Mask areas that should not be coated.
4. Shake can thoroughly before use.

5. **NOTE:** This product does not require a ball agitator.
6. Best results are obtained when the product is at room temperature.
7. **For a repositionable bond**, apply a uniform coat to one surface. After a few seconds, press sprayed item to surface. To reposition sprayed item, start at a corner and peel back. Allow 1 minute to dry.
8. **For a permanent bond**, apply a medium coat to both surfaces. Allow to dry 1 minute before bonding together. For more porous surfaces, bond them while they are slightly wet. Allow 1 minute to dry.

Clean-up

1. Turn can upside-down and spray to clear nozzle.
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

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

$(^{\circ}\text{C} \times 1.8) + 32 = ^{\circ}\text{F}$
 $\text{kV/mm} \times 25.4 = \text{V/mil}$
 $\text{mm} / 25.4 = \text{inches}$
 $\mu\text{m} / 25.4 = \text{mil}$
 $\text{N} \times 0.225 = \text{lb}$
 $\text{N/mm} \times 5.71 = \text{lb/in}$
 $\text{N/mm}^2 \times 145 = \text{psi}$
 $\text{MPa} \times 145 = \text{psi}$
 $\text{N}\cdot\text{m} \times 8.851 = \text{lb}\cdot\text{in}$
 $\text{N}\cdot\text{m} \times 0.738 = \text{lb}\cdot\text{ft}$
 $\text{N}\cdot\text{mm} \times 0.142 = \text{oz}\cdot\text{in}$
 $\text{mPa}\cdot\text{s} = \text{cP}$

Reference 0.1

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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