FREKOTE®

# PMC™

June 2010

## PRODUCT DESCRIPTION

PMC™ provides the following product characteristics:

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|---|---|
| **Technology** | Mold Release |
| Appearance | Clear liquid |
| Chemical Type | Solvent blend |
| Odor | Solvent |
| **Cure** | Room temperature cure |
| **Application** | Release Coatings |
| Application Temperature | 20 to 30 °C |

PMC™ is a special blend of solvents designed to dissolve and remove wax from polyester molds without dulling the surface. This product can also be used to clean epoxy and metal mold surfaces as well as for cleaning brushes and equipment. PMC™ is highly recommended for preparing polyester mold surfaces prior to application of Frekote® mold sealers and mold release agents.

## TYPICAL PROPERTIES OF UNCURED MATERIAL

Specific Gravity @ 25 °C 0.821 to 0.854[LMS]

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).**

### Directions for use:

1. PMC™ should be applied to the mold surface with a clean lint free cloth.
2. Wax and other mold residue will immediately begin to dissolve and should be removed from the surface with a second clean cloth while it is still dissolved in the PMC™.
3. As the cloth becomes saturated with wax and mold residue, dispose of it and use a new cloth.
4. Repeat process until composite and other mold residue is removed.
5. The mold is now ready for use.
6. **NOTE**: A simple test to assess mold cleanliness is the use of masking tape. A coated surface will allow easy release of masking tape, where as a wax free surface will allow good adhesion of masking tape. This test can also be used to determine the effectiveness of Frekote® Release Interfaces. A good interface will prevent any significant degree of tape adhesion.

### Loctite Material Specification[LMS]

LMS dated November 21, 2005. 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 Representive.

### 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/mm² 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**

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Reference 0.0