



MOLD RELEASE MR11

May 2013

PRODUCT DESCRIPTION

MOLD RELEASE MR11 provides the following product characteristics:

Technology	Silicone
Appearance	Colorless liquid
Cure	Air dry
Product Benefits	<ul style="list-style-type: none"> • Low viscosity • Contains solvent
Application	Coating
Application Method	Brush, Dip or Spray

MOLD RELEASE MR11 liquid silicone mold release is designed for use on epoxies, polyesters and other similar polymer systems. It is formulated to dry to a film after application with exceptional non-stick property that is dry to the touch.

TYPICAL PROPERTIES OF UNCURED MATERIAL

Viscosity, Brookfield, ASTM D2393, mPa·s (cP)	350
Density, g/cm ³	0.68
Shelf Life @ 25°C, months	368
Flash Point, ASTM D93, °C	-4

TYPICAL CURING PERFORMANCE

Recommended Drying Conditions

5 to 10 minutes @ 25°C until it is dry to the touch

Care should be taken not to apply the mold release to surfaces assigned to be bonded later.

The above drying profile is a guideline recommendation. Conditions (time and temperature) may vary based on customers' experience and their application requirements, as well as customer drying equipment.

GENERAL INFORMATION

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

DIRECTIONS FOR USE

1. MOLD RELEASE MR11 is a flammable material.
2. MOLD RELEASE MR11 contains solvents therefore proper ventilation should be used.
3. Some substrates may be sensitive to solvents. Testing should be performed before use of MOLD RELEASE MR11.
4. MOLD RELEASE MR11 can be applied by brushing, dip coating or spraying.
5. If applying by dipping the entire mold into the mold release, allow excess material to drain prior to drying.
6. A thin film of applied material is more effective than a thick film.
7. Thin layers of build up observed after a large number of applications of mold release material can be removed with the use of Hexane or chlorinated solvents.

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 : 25 °C

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

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



Disclaimer

Note:

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