

# XIAMETER<sup>®</sup> MEM-0037 Emulsion

## Water-dilutable silicone emulsion

### FEATURES

- Offers excellent release of rubber, plastics and metals
- Will not carbonize or gum at mold temperatures
- Will not build up on molds
- Will not discolor molded parts
- Has good stability in either undiluted or diluted form
- Is compatible with other nonionic and anionic silicone emulsions, with glycerol, and with moderate concentrations of polyalkylene glycols

### DESCRIPTION

XIAMETER MEM-0037 Emulsion is a water dilutable release agent for rubber molding and for shell molds and cores for casting metals.

### USES

XIAMETER MEM-37 Emulsion is highly effective as a release agent in rubber molding and in producing shell molds and cores for foundry use. It also provides a convenient means of applying a film of medium-high-viscosity dimethyl silicone fluid to various other surfaces.

### TYPICAL PROPERTIES

Specification Writers: These values are not intended for use in preparing specifications. Please contact your local XIAMETER sales representative prior to writing specifications on this product

Property	Value
Silicone Content, percent	35
Color	White
Consistency	Water thin
Specific Gravity at 25°C (77°F)	0.997
Emulsifier	Essentially nonionic
pH	7.0
Suitable Diluent	Water

### HOW TO USE

XIAMETER MEM-0037 Emulsion is easily diluted with water. For different applications, the extent of dilution varies up to 200 parts water for each part of emulsion. Start with 30 parts water to one part emulsion, and adjust up or down depending on the ease of release and the number of releases desired for each application.

XIAMETER MEM-0037 Emulsion in its diluted form may be applied by spraying, brushing or dipping. The most commonly used method is a low-pressure spray. In some operations, the release agent is applied for each mold cycle; in others, one application serves for several cycles.

### PRODUCT SAFETY INFORMATION

PRODUCT SAFETY INFORMATION REQUIRED FOR SAFE USE IS NOT INCLUDED IN THIS DOCUMENT. BEFORE HANDLING, READ PRODUCT AND MATERIAL SAFETY DATA SHEETS AND CONTAINER LABELS FOR SAFE USE, PHYSICAL, ENVIRONMENTAL, AND HEALTH HAZARD INFORMATION. THE MATERIAL SAFETY DATA SHEET IS AVAILABLE ON THE XIAMETER WEBSITE AT [WWW.XIAMETER.COM](http://WWW.XIAMETER.COM).

## **USABLE LIFE AND STORAGE**

When stored at or below 37°C in the original unopened containers, this product has a usable life of 15 months from the date of production.

Caution: XIAMETER MEM-0037 Emulsion should not be exposed to freezing conditions. If freezing occurs, thaw and stir the material before using.

## **LIMITATIONS**

This product is neither tested nor represented as suitable for medical or pharmaceutical uses.

## **LIMITED WARRANTY INFORMATION – PLEASE READ CAREFULLY**

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