



Technical Data Sheet

XIAMETER™ MEM-0037 Emulsion

Water-dilutable silicone emulsion

Features & Benefits

- 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

Applications

XIAMETER™ MEM-0037 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.

Properties	Result
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

Description

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

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.

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XIAMETER™ MEM-0037 Emulsion

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How To Use (Cont.)	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.
Handling Precautions	PRODUCT SAFETY INFORMATION REQUIRED FOR SAFE USE IS NOT INCLUDED IN THIS DOCUMENT. BEFORE HANDLING, READ PRODUCT AND SAFETY DATA SHEETS AND CONTAINER LABELS FOR SAFE USE, PHYSICAL AND HEALTH HAZARD INFORMATION. THE SAFETY DATA SHEET IS AVAILABLE ON THE DOW WEBSITE AT WWW.CONSUMER.DOW.COM , OR FROM YOUR DOW SALES APPLICATION ENGINEER, OR DISTRIBUTOR, OR BY CALLING DOW CUSTOMER SERVICE.
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.
Health And Environmental Information	To support customers in their product safety needs, Dow has an extensive Product Stewardship organization and a team of product safety and regulatory compliance specialists available in each area. For further information, please see our website, www.consumer.dow.com or consult your local Dow representative.

<http://www.xiameter.com>

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