



# DOWSIL™ and XIAMETER™ silicone release agents

## Product performance features

Product	Paintability	High temperature (>150°C)	Dilution stability
<b>Aqueous products</b>			
XIAMETER™ MEM-0039 Emulsion		•	•
XIAMETER™ MEM-0036 Emulsion		•	•
XIAMETER™ MEM-0349 Emulsion		•	•
XIAMETER™ MEM-0346 Emulsion		•	•
XIAMETER™ MEM-0347G Emulsion		•	•
XIAMETER™ MEM-0008 Emulsion		•	•
XIAMETER™ MEM-0037 Emulsion		•	•
XIAMETER™ MEM-1101 Emulsion		••	•
XIAMETER™ MEM-5009 Emulsion	••	••	••
DOWSIL™ 2418 Release Emulsion	••	••	••
XIAMETER™ MEM-0062 Emulsion PS		•	•
DOWSIL™ HV 496 Emulsion		••	••
XIAMETER™ MEM-1450 Emulsion	••	••	•
XIAMETER™ MEM-3422 Emulsion		•	•
DOWSIL™ DK Q2-103-22		•	•
XIAMETER™ BY22-751	••	•	•
DOWSIL™ SH 7024 Emulsion (FC)		•	••
DOWSIL™ 8024 Food Contact Release Emulsion (FC)		•	••
XIAMETER™ MEM-0024 Emulsion (FC)		•	••
<b>Non-aqueous products</b>			
XIAMETER™ PMX-200 Silicone Fluid		•	N/A
DOWSIL™ 2-1912 Fluid		••	N/A
DOWSIL™ RSN-9118 Resin		••	N/A
DOWSIL™ 20 Release Coating		••	N/A
DOWSIL™ 2-3387 Release Agent		••	N/A
DOWSIL™ 3527 Fluid		••	N/A
DOWSIL™ 2-7303 Resin		••	N/A
XIAMETER™ OFX-0203 Fluid	••	•	N/A
XIAMETER™ OFX-0204 Fluid	••	•	N/A
XIAMETER™ OFX-0230 Fluid	•	•	N/A

\* FC Food contact

### Product availability

- Global
- America, Asia
- Asia Only
- Europe Only

- = Primary recommendation
- = Alternative recommendation
- N/A = Not Applicable

Use this guide to help you select the best DOWSIL™ or XIAMETER™ release agent for your application. Regulatory clearances and product availability are as of the date of publication of this technical bulletin. They are subject to change. Consult with Dow for the latest information.

## Product applications

Product	Die cast	Polyurethane	Other thermosets*	Shell core	Rubber / Thermoplastic**	Tire	Fiberglass	Asphalt	Metals	Spray starch	Adhesives	Concrete	Glass	Wood	Web release	Food contact
<b>Aqueous products</b>																
XIAMETER™ MEM-0039 Emulsion					••	•										
XIAMETER™ MEM-0036 Emulsion					••	•										
XIAMETER™ MEM-0349 Emulsion					••	•										
XIAMETER™ MEM-0346 Emulsion					••	•										
XIAMETER™ MEM-0347G Emulsion			•	••	••			•	•							
XIAMETER™ MEM-0008 Emulsion			•													
XIAMETER™ MEM-0037 Emulsion			•	••	••				•							
XIAMETER™ MEM-1101 Emulsion			•				••		•	••		•				
XIAMETER™ MEM-5009 Emulsion	••		••		••				•			••		••		
DOWSIL™ 2418 Release Emulsion	••		••		••							••		••		
XIAMETER™ MEM-0062 Emulsion PS					••										••	
DOWSIL™ HV 496 Emulsion			••			••	••			••						
XIAMETER™ MEM-1450 Emulsion			••		••				•			••		••		
XIAMETER™ MEM-3422 Emulsion		•	••		••											
DOWSIL™ DK Q2-103-22																
XIAMETER™ BY22-751			••		••				•							
DOWSIL™ SH 7024 Emulsion (FC)					••											••
DOWSIL™ 8024 Food Contact Release Emulsion (FC)					••											••
XIAMETER™ MEM-0024 Emulsion (FC)					••											••
<b>Non-aqueous products</b>																
XIAMETER™ PMX-200 Silicone Fluid			••	•	••	•		•								
DOWSIL™ 2-1912 Fluid			••		••	•			•		•		•	•		
DOWSIL™ RSN-9118 Resin		•	••		••	•										
DOWSIL™ 20 Release Coating		••	••		••	•										
DOWSIL™ 2-3387 Release Agent		••	••		••	•										
DOWSIL™ 3527 Fluid			••		••	•										
DOWSIL™ 2-7303 Resin		••	••													
XIAMETER™ OFX-0203 Fluid	••		•		••				••							
XIAMETER™ OFX-0204 Fluid	••		•		••				•							
XIAMETER™ OFX-0230 Fluid	••		••		••											
DOWSIL™ 1-9770 Release Additive																•

\*Examples can include: epoxies, melamines, acrylics, methacrylates, phenolics, polyester.

\*\*Examples can include: PVC, polypropylene, polystyrene.

### Product availability

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<span style="display: inline-block; width: 15px; height: 10px; background-color: #d9d9d9; border: 1px solid #ccc;"></span>	America, Asia
<span style="display: inline-block; width: 15px; height: 10px; background-color: #4f81bd; border: 1px solid #ccc;"></span>	Asia Only
<span style="display: inline-block; width: 15px; height: 10px; background-color: #cccccc; border: 1px solid #ccc;"></span>	Europe Only





- = Primary recommendation
- = Alternative recommendation

## Product properties\*

Product	% Active	Emulsifier type	Active ingredient	Suitable diluent
<b>Aqueous products</b>				
XIAMETER™ MEM-0039 Emulsion	35	Non-ionic	PDMS, Medium Viscosity	Water
XIAMETER™ MEM-0036 Emulsion	35	Non-ionic	PDMS, Medium Viscosity	Water
XIAMETER™ MEM-0349 Emulsion	60	Non-ionic	PDMS, Medium Viscosity	Water
XIAMETER™ MEM-0346 Emulsion	60	Non-ionic	PDMS, Medium Viscosity	Water
XIAMETER™ MEM-0347G Emulsion	60	Non-ionic	Silanol Functional PDMS	Water
XIAMETER™ MEM-0008 Emulsion	35	Non-ionic	PDMS, Medium Viscosity	Water
XIAMETER™ MEM-0037 Emulsion	35	Anionic	PDMS, High Viscosity	Water
XIAMETER™ MEM-1101 Emulsion	54	Anionic	Silanol-PDMS, High Viscosity	Water
XIAMETER™ MEM-5009 Emulsion	50	Nonionic/anionic	Alkylarylpolysiloxane	Water
DOWSIL™ 2418 Release Emulsion	50	Non-ionic	Alkylarylpolysiloxane	Water
XIAMETER™ MEM-0062 Emulsion PS	55	Non-ionic	PDMS, Medium Viscosity	Water
DOWSIL™ HV 496 Emulsion	35	Slightly anionic	PDMS, High Viscosity	Water
XIAMETER™ MEM-1450 Emulsion	50	Non-ionic	Alkylarylpolysiloxane	Water
XIAMETER™ MEM-3422 Emulsion	50	Non-ionic	Resin, Silicone Fluid	Water
DOWSIL™ DK Q2-103-22	21	No-ionic/anionic	Modified silicone	Water
XIAMETER™ BY22-751	50	No-ionic/anionic	Alkylarylpolysiloxane	Water
DOWSIL™ SH 7024 Emulsion (FC)	35	Non-ionic	PDMS, Medium Viscosity	Water
DOWSIL™ 8024 Food Contact Release Emulsion (FC)	35	Non-ionic	PDMS, Medium Viscosity	Water
XIAMETER™ MEM-0024 Emulsion (FC)	35	Non-ionic	PDMS, Medium Viscosity	Water
DOWSIL™ 0035 Food Contact Release Emulsion (FC)	35	Non-ionic	PDMS, Medium Viscosity	Water
<b>Non-aqueous products</b>				
XIAMETER™ PMX-200 Silicone Fluid	100	N/A	PDMS	Solvents, PDMS, VMS
DOWSIL™ 2-1912 Fluid	100	N/A	Resin, Silicone Fluid	Solvents, PDMS, VMS
DOWSIL™ RSN-9118 Resin	100	N/A	Resin, Silicone Fluid	Solvents, VMS
DOWSIL™ 20 Release Coating	100	N/A	Resin, Silicone Fluid	Solvents, VMS
DOWSIL™ 2-3387 Release Agent	100	N/A	Resin, Silicone Fluid	Solvents, VMS
DOWSIL™ 3527 Fluid	100	N/A	Resin, Silicone Fluid	Solvents, PDMS, VMS
DOWSIL™ 2-7303 Resin	100	N/A	Resin, Silicone Fluid	Solvents, VMS
XIAMETER™ OFX-0203 Fluid	100	N/A	Alkylarylpolysiloxane	Solvents
XIAMETER™ OFX-0204 Fluid	100	N/A	Alkylarylpolysiloxane	Solvents
XIAMETER™ OFX-0230 Fluid	100	N/A	Alkylarylpolysiloxane	Solvents
DOWSIL™ 1-9770 Release Additive	100	N/A	High molecular weight silanol functional PDMS	Solvents, PDMS, VMS

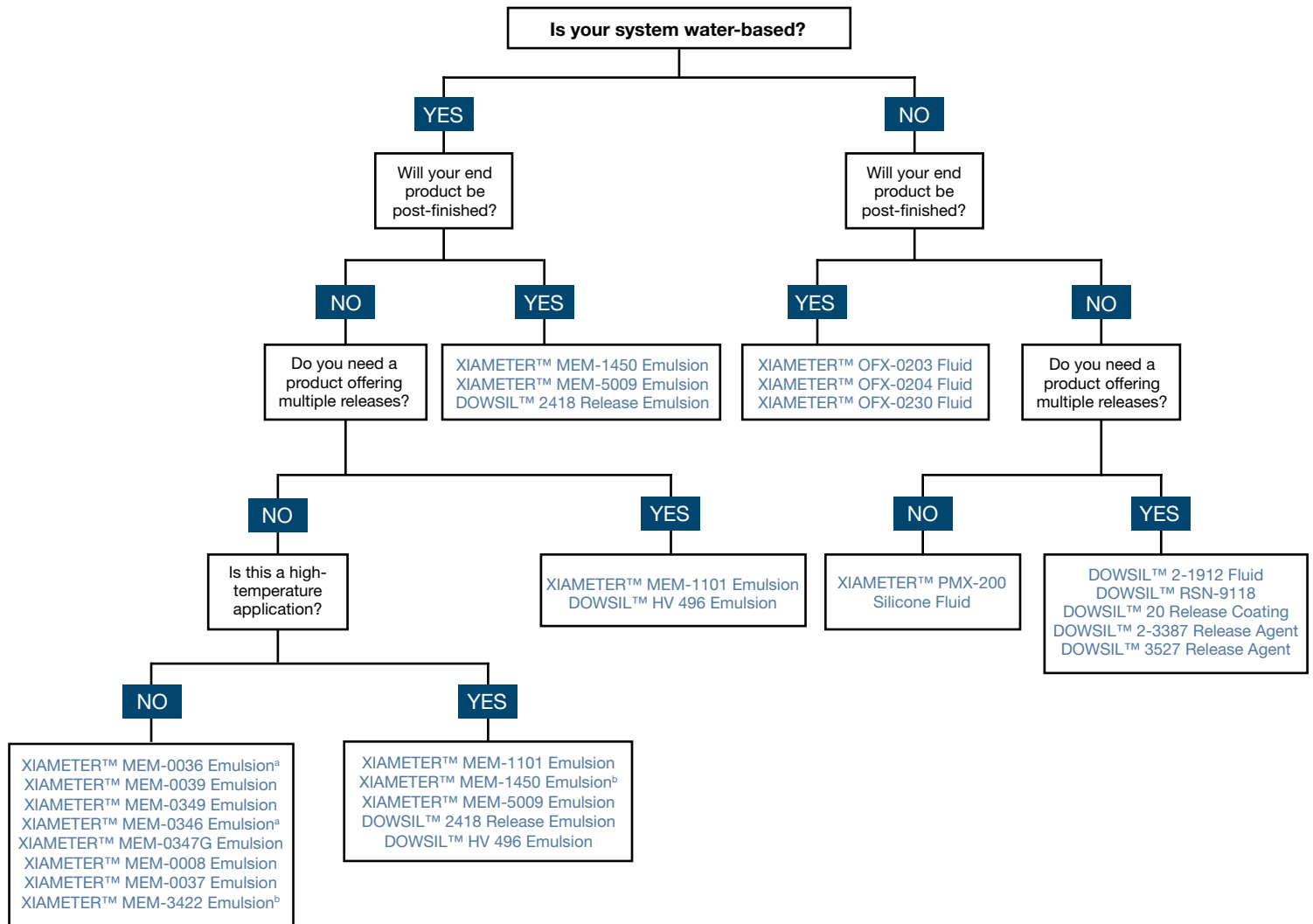
\*These values are not intended for use in preparing specifications.

### Product availability

	Global
	America, Asia
	Asia Only
	Europe Only

PDMS = Polydimethylsiloxane  
VMS = Volatile methylsiloxane  
Medium viscosity = 100-1000 cSt  
High viscosity = >10,000 cSt  
N/A = Not applicable

## Product decision guide



<sup>a</sup> Europe only  
<sup>b</sup> Asia only

**XIAMETER™**  
 silicones simplified by 

### Two brands to serve you

Whether you seek industry-leading innovation or greater cost efficiency, Dow can help. DOWSIL™ and XIAMETER™ solutions deliver specialty materials, problem-solving and innovation support tailored to your needs. See details at [www.dow.com](http://www.dow.com).

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