

EMULSION MEM-0008

Features:

Oil phase withstands molding temperatures

No smoking, breakdown, carbonization or buildup

Non-flammable

Environmentally safe – No solvent fumes

Excellent Release

Excellent aqueous emulsion stability

Hill and Griffith **Silicone Emulsions** are formulated with various viscosity silicones, surfactants and water. **Silicone Emulsions** can be used in a wide variety of applications to release resin-bonded shell mold and/or cores in metal casting, where water sensitivity is not present. Used for rigid polyurethane foam release, fabricating plastic and/or rubber components.

TYPICAL PRODUCT DATA:

(These values are not intended for use in preparing specifications)

	<u>Emulsion</u> <u>MEM-0008</u>	<u>Emulsion</u> <u>MEM-0008</u>
Non-Volatile		
Active material (% weight)	36.0	3.5
pH	8.0	8.0
Emulsifier	non-ionic	
Diluent	Water	Water
Appearance	Milky White	Milky White

APPLICATION:

Hill and Griffith Silicone Emulsions have been used successfully as release agents on hot box and shell sand processes. The Emulsion MEM-0008 is a concentrate and the dilution rates typically vary from 1:5 to 1:20 dependent upon the application.

We also offer a pre-mixed version of the Emulsion MEM-0008 at a 1:12, ready to use with no further dilution required.

Although all the **Silicone Emulsions** exhibit excellent stability, it is recommended that they should be stored in environments that would keep the materials from freezing.

PACKAGING:

Drums
Pails

