



### TYPICAL PROPERTIES

- Appearance and odor = Milky white, opaque liquid
- pH = 9.5
- VOC (EPA 24) = 0 lbs/gal
- Density = 8 lbs/gal
- Flashpoint = None

# FoundryGeneral® Mold Release 90

Mold Release Emulsion

### Description

FoundryGeneral® Mold Release 90 is an emulsion that contains a modified dimethylpolysiloxane and is designed as a water reducible mold release for hot pattern processes. FoundryGeneral® Mold Release 90 is primarily used for hot patterns processes such as shell, warm box or hot box. Mold Release 90 also provides excellent release with low mold build-up in the manufacturing of tires and other molded rubber products.

### Recommended Application

1

FoundryGeneral® Mold Release 90 is concentrated and is suitable for dilution with water to obtain the desired emulsion.

The frequency of application will depend upon core complexity or part design, application technique and condition of the tooling.

2

FoundryGeneral® Mold Release 90 can be applied either by spraying, brushing or wiping.

### Benefits

- Water based
- Diluted with water until desired concentration is obtained.
- Nonflammable
- Zero VOC
- Provides multiple releases

### Material Compatibility

Do not freeze or expose to extreme heat. Avoid materials that react with water.

### Health & Safety

Please refer to the MSDS for complete health and safety instructions.

### Storage

With proper storage, shelf life is 1 year from date of manufacture. Please refer to SDS for complete storage information.

### Application

Whatever technique is used, it is recommended that a uniform coat be applied to insure consistent release capabilities.

Dilution ratios as concentrated as 1 part release agent to 2 parts water and as dilute as 1 part release agent in 24 parts water are reported depending on the complexity of the pattern. It is normal to achieve multiple releases after each application.

12336 Emerson Dr. | Brighton, MI 48116 | 248-587-5600  
Fax: 248-587-5606 | [www.gccdatasheets.com](http://www.gccdatasheets.com)