

FUNCTIONAL CMR-1001

Biobased Concrete Mold Release Additive

APPLICATION:

FUNCTIONAL CMR-1001 is a high-performance biobased additive package that promotes the smooth finish of concrete forms. **FUNCTIONAL CMR-1001** is engineered to provide a non-staining, residue free product. **FUNCTIONAL CMR-1001** is a “green” product that can be added to a broad spectrum of base oils.

COMPOSITION:

FUNCTIONAL CMR-1001 is a solvent-free, non-silicon additive incorporating vegetable oil based chemistry that creates a barrier on the mold surface. **FUNCTIONAL CMR-1001** does not react with concrete or its components.

Typical Properties	
Appearance	Clear liquid
Specific Gravity	0.93
Lbs per Gallon	7.75
Flash Point	150°C (300°F)
Kinematic Viscosity	10 – 35 cSt @ 40°C
Color	Amber

TREATMENT LEVEL:

A treatment level as low as 3% will provide sufficient release for use in low to medium draft concrete pre-forms. A treatment level of 6% - 8% by weight in soybean oil or similar base oil is recommended for use in severe draft concrete pre-forms. The final product should be applied in a thin, uniform layer with a brush, roller or spray system. **FUNCTIONAL CMR-1001** can treat 750 to 2000 square feet per gallon depending on treat level used.

HANDLING:

Do not warm above 65°C (150°F). Safe handling precautions are the same as those to be taken with vegetable oils; see the current Safety Data Sheet.

This Technical Data Sheet and the Safety Data Sheet contain information believed to be accurate and reliable. No warranty is made, however, to information beyond the control of FUNCTIONAL PRODUCTS INC. The engineering and management personnel of the user are responsible for determining the suitability of this or any product for any specific application, and this information is offered to them for that purpose.

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