MONSANTO CHEMICALS

MONTAR*

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Monsanto Chemical Company Phosphate Division
St. Louis 4, Missouri

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GENERAL

The Montars are a series of high-melting, dark-colored products of somewhat variable composition of which the following are representative:

TYPICAL PROPERTIES OF THE MONTARS

Montar #3	
Softening Point (ASTM)	130-160°C.
Flash Point	570°F. (298°C.)
Fire Point	None at 650°F. (343°C.)
Acidity (Mgm. NaOH/gm.)	Slightly basic
Chlorine	51.6 %
CaO	3.47%
Fe	0.31%
Montar #4	
(Polychlorinated polyphenyl)	
Softening Point	191-208°C.
Penetration, 250 gm. weight	0 @ 75°C.
Montar #5	
(Polychlorinated polyphenyl)	
Chlorine	57-59.0%
CaO	Max. 1.6 %
Fe	Max. 0.12%
Softening Point	165-180°C.
Penetration, 250 gm. weight	2 cm. x 10^{-2}/min. @ 75°C.
Montar #6	
(Polychlorinated polyphenyl)	
Softening Point	168°C.
Chlorine	59.9 %
CaO	2.0 %
Fe	0.13%

*Reg.U.S.Pat.Off.

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Montar #9	
Softening Point (ASTM)	140-160°C.
Flash Point	495°F. (257°C.)
Fire Point	580°F. (304°C.)
Acidity (Mgm. NaOH/gm.)	0.104
Chlorine	0.18%
CaO	None
Fe	0.21%

Montar #10
(Mixed Polyphenyl and polychlorinated polyphenyl)

Softening Point	139°C.
Penetration	47 cm. x 10^{-2}/5 sec. @ 75°C.

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For further information about Monsanto Montar, contact the nearest Monsanto office.

MONSANTO CHEMICAL COMPANY

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