



MONTAR*

Monsanto Technical Bulletin No. P-116
March 28, 1950

Monsanto Chemical Company Phosphate Division
St. Louis 7, Missouri

RECEIVED

APR 6 1972

MONSANTO COMPANY
INFORMATION CENTER
ST. LOUIS

GENERAL

The Montars are a series of high-melting, ~~white~~ 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.

The information contained in this bulletin is, to our best knowledge, true and accurate, but all recommendations or suggestions are made without guarantee, since the conditions of use are beyond our control. The Monsanto Chemical Company disclaims any liability incurred in connection with the use of these data or suggestions.

Furthermore, nothing contained herein shall be construed as a recommendation to use any product in conflict with existing patents covering any material or its use.

0614397

TOWOLDMON0038538

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.

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

MONSANTO CHEMICAL COMPANY

St. Louis

Birmingham • Boston • Charlotte • Chicago

Cincinnati • Cleveland • Detroit • Los Angeles

New York • Philadelphia • Portland (Ore.) • San Francisco

Monsanto (Canada) Ltd.
Montreal

Representatives in the Principal Cities of the World

SC-.5M-350

Printed In U.S.A.