



# MOVAC

## PRODUCT TECHNICAL INFORMATION SHEET

<b>PRODUCT CODE</b>	MTW4520
<b>DESCRIPTION</b>	<b>Water Based Hardener / Crosslinker</b>
<b>AREAS OF USE</b>	To be added to waterborne coatings in order to increase hardness, chemical resistance and blocking resistance.
<b>METHODS OF USE</b>	Add at 0.5-1% to water based coating and stir mechanically.
<b>MIXING PROCEDURE</b>	<p>MTW4520 is to be added in the percentages shown above and under stirring conditions (preferably mechanical).</p> <p>If not stirred when being added to the coating, it may generate clots which would force product filtration to ensure that it was able to be sprayed. To improve dispersion, we recommend to pre-disperse it immediately before use in an equal quantity of water and then to introduce it slowly under stirring conditions. A prolonged contact with water (5-15 minutes) would cause hardening, with consequent loss of product. The introduction of the crosslinking agent in a product may result in an increase in viscosity.</p> <p>Do not exceed the maximum blending proportion equal to 1%.</p>
<b>GENERAL CHARACTERISTICS</b>	<p>MTW4520 is a cross-linker for waterborne coatings.</p> <p>When added at a concentration of 0.5-1% it considerably improves hardness, abrasion resistance, resistance to aggressive chemicals and blocking resistance.</p> <p>It should be used in all situations in which these characteristics are particularly desirable (e.g. topcoats requiring hardness and high chemical resistance, topcoats for door and window frames to be located in countries with particularly hot climates, etc.).</p> <p>MTW4520 loses its effectiveness within 6 hours after being added to the coating.</p>
<b>STORAGE</b>	Store above 5°C. Shelf life 12 months, unopened cans and under normal warehouse conditions.
<b>FURTHER INFORMATION</b>	<p>Read the separate health and safety sheet prior to use.</p> <p>This is just one of a wide range of industrial coatings from Movac Group Ltd. Should you require any further information on this, or any other product within our range, simply contact us at the address below.</p>