



# PRODUCT INFORMATION

## Urethane; Polyurethane: Moisture Cure Solventbase Aliphatic Polyether

### MC75

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#### PRODUCT DESCRIPTION

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**MC75** is an oil-free, one-component aliphatic, moisture curing polyurethane resin. **MC75** provides a non-yellowing tough, hard coating on many rigid substrates, especially wood and concrete. It is a superior single-component aliphatic coating that outperforms many two-component products currently available. **MC75** is easily used as supplied and can be further formulated to meet your specific requirements.

#### APPLICATIONS

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- hard and soft wood floors
- concrete floors as a topcoat and/or sealer
- seamless floors
- exterior and interior marine coatings
- conformal coatings for printed circuit boards
- ceramic floor tiles
- wood form coating for pre-cast concrete
- bowling alleys
- golf clubs

**STORAGE AND HANDLING:** **MC75** is a moisture cure, NCO terminated material; as such, any opened container that is exposed to moisture will gel and/or become solid. If moisture is introduced, use the product immediately. Any container, once opened, should be resealed with a nitrogen blanket. **MC75** should be applied at temperatures greater than 50°F. The higher the humidity and the temperature, the faster **MC75** will cure. Under normal conditions of 60-90°F and relative humidity above 35%, coatings made from **MC75** can be walked on in 5-12 hours. **MC75** can be recoated when tack free to foil in 3-10 hours after application. **MC75** has a shelf life of 6 months.

#### TECHNICAL INFORMATION

% Solids	40 ± 1
Viscosity (@ 25°C)	60-125 cps
% NCO	2.5 - 3.1
Weight/Gallon	8.01 lb ± 0.10
VOC Rating (lbs/gallon)	4.81 ± .06
VOC Rating (gms/liter)	576 ± 8
Color	Gardner 1 MAX
Solvent System	XyloI
Flash Point	81°F



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## Typical Physical Properties

Elongation <sup>2</sup>	85%
Hardness (Sward)	38
CS10 Wheel <sup>1</sup>	18 mg
CS17 Wheel <sup>1</sup>	28 mg
Gloss @ 60°	88
Tensile Strength <sup>2</sup>	5000 psi
Impact Resistance	160 inch pounds (direct)
	160 inch pounds (indirect)