

 <p>Manitoba Infrastructure and Transportation MATERIALS ENGINEERING BRANCH</p>	Specification No: APL102-2
	<u>Effective Date</u> Current: June 2010 Previous: n/a
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Materials Specification For: Water Releasing Agent – APA Type 5	

Specifications

APA Type 5 is a blend by weight of 97.5% kerosene and 2.5% Dow Corning 200-1000 cs (medium viscosity polydimethylsiloxane polymer).

Construction Notes

1. APA-5 is used at a rate of 1 litre to 20,000 litres of asphalt cement while filling tank truck or storage tank.
2. APA is a mix of silicon and a diluent (kerosene) that reduces the surface tension of water on aggregates and allows it to be driven off at high temperatures. The silicon also acts as a release agent and aids in reducing sticking and pick-up of the mix.

<i>Original signed by:</i> Approved: _____ Said Kass, P. Eng. Director, Materials Engineering Branch
