



American International Chemical, Inc.

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SPECIFICATION SHEET

CARBOMER 940 (Kadpol 940)

Code No.	SCN No.	CAS No.	Effective Date	Product Manager	Rev. No.	Approved By
CRB940	2915	9003-01-4	September 6, 2011	MDS	No. 1	MPR

CHARACTERISTICS:	White powder with slightly acetic odor that is soluble in water, alcohol and glycols. Manufactured using benzene.
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SPECIFICATIONS:	Assay (carboxylic acid groups)	56.0-68.0%
	Loss on drying	2.0% max
	Viscosity (0.2% water)*	19,000-35,000 cps
	Viscosity (0.5% water)*	40,000-60,000 cps
	Viscosity (1.0% water)*	45,000-80,000 cps
	Heavy metals (Pb, As, Hg, Sb)	20 ppm max
	Residual solvents (Benzene)	0.5% max
	Clarity @ 0.5% Transmission (neutralization solution, 420 nM light)	80% min
	pH (@ 0.5% water dispersion)	2.5-3.5
	*Brookfield RVF or RVT Viscosity, (mPa•s)	20 rpm at 25°C, neutralized solutions

PACKAGING:	50 lb P.E. bag in cartons; 24 cartons per pallet or 1200 lbs 10 pallets per container (12,000 lbs)
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APPLICATIONS:	Thickening, suspending and stabilizer agent in oral care and cosmetic formulations
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SHELF LIFE AND STORAGE INSTRUCTIONS:	Retest after 4 years, if kept unopened in a cool and dry area away from heat and direct sunlight.
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