



American International Chemical, Inc.

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SPECIFICATION SHEET

CARBOMER 934

(Kadpol 934)

Code No.	SCN No.	CAS No.	Effective Date	Product Manager	Rev. No.	Approved By
CRB934	2915	9003-01-4	May 1, 2011	MDS	Original	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)*	2,050-5,450 cps
	Viscosity (0.5% water)*	30,500-39,400 cps
	Heavy metals (as Pb, As, Hg, Sb)	20 ppm max
	Clarity @ 0.5% Transmission (neutralization solution, 420 nm light)	80% min
	Residual solvent (Benzene)	0.5% max
	pH (@ 0.5% water dispersion)	2.5-3.0
	*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 1200lbs 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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