

LIST OF SYMBOLS AND ABBREVIATIONS

Alk-45	Alkyd with oil length 45
Alk-47	Alkyd with oil length 47
Alk-65	Alkyd with oil length 65
AN	Acid Number
ASTM	American Society for Testing Materials
BR	Butyl rubber
DSC	Differential Scanning Calorimetry
EIP	Emulsion Inversion Point
FA	Fumaric acid
FTIR	Fourier Transform Infrared analysis
GPC	Gel Permeation Chromatography
KHP	Potassium hydrogen phthalate
M_n	Number average molecular weight
M_w	Weight average molecular weight
NMR	Nuclear Magnetic Resonance
NP40	Polyoxyethylene Nonyl Phenyl Ether
NR	Natural Rubber
NR/Alk-45	NR and Alk-45 blend
NR/Alk-47	NR and Alk-47 blend
NR/Alk-65	NR and Alk-65 blend
OA	Oleic Acid
OH	Hydroxyl Number
OL	Oil Lengths
O/W	Oil in water

PA	Phthalic Anhydride
PDI	Polydispersity Index
PIB	Polyisobutylenes
PSA	Pressure Sensitive Adhesive
SLS	Sodium Lauryl Sulphate
T _g	Glass Transition
TGA	Thermogravimetry analysis
THF	Tetrahydrofuran
TMS	Tetramethylsilane
UV	Ultraviolet
VOC	Volatile organic compounds
W/O	Water in oil
W/W	Weight per weight