-continued

[0074] Further, recurring units (c) having another adhesive group selected from hydroxyl (other than the foregoing phenolic hydroxyl), lactone ring, sultone ring, ether bond, ester bond, sulfonate bond, carbonyl, sulfonyl, cyano, and carboxyl groups may also be incorporated in the base polymer. Examples of suitable monomers from which recurring units (c) are derived are given below, but not limited thereto. Herein \mathbb{R}^4 is as defined above.