

## **REFERENCES**

- 1. Oertel, G. Polyurethane Handbook. Munich: Hanser Publications, 1985.
- 2. Hilado, C.J. <u>Flammability Handbook for Plastics.</u> 4 th ed. Lancaster:Technomic Publications, 1990.
- 3. Takeuchi, T., Tsuge, S. and Okaumota, T. Identification and analysis of urethane foams by pyrolysis-gas chromatography. <u>Journal of Gas Chromatography</u>. 6(1968): 542-547.
- Cusack, P.A., Hornsby, P.R. and Mitchell, P.A. Flame retardance and smoke suppression of polychloroprene containing inorganic tin compounds. <u>Polymer Degradation and Stability</u> 32(1991): 299-312.
- Cusack, P.A., Heer, M.S. and Monk, A.W., Zinc hydroxystannate: a combined flame retardant and smoke suppressant for halogenated polyesters. <u>Polymer Degradation</u> and <u>Stability</u>. 32(1991): 177-190.
- Bains, R.S., Cusack, P.A. and Monk, A.W. A comparison of the fire-retardant properties of zinc hydroxystannate and antimony trioxide in brominated polyester resins containing inorganic fillers. <u>European Polymer Journal</u>. 26(1990): 1221-1227.
- Cusack, P.A., Monk, A.W., Pearce, J.A. and Reynolds, S.J. An investigation of inorganic tin flame retardants which suppress smoke and carbon monoxide emission from burning brominated polyester resins. <u>Fire and Materials</u>. 14(1989): 23-29.
- 8. Cusack, P.A. and Fontaine, P.E. Investigations into tin-based flame retardants and smoke suppressants. Speciality Chemical. 9(1989): 194-202.
- Cusack, P.A. An investigation of the flame-retardant and smoke-suppressant properties of tin (IV) oxide in unsaturated polyester thermosets. <u>Fire and Materials.</u> 10 (1986): 41-46.
- Cusack, P.A., Smith, P.J. and Kroenhe, H.J. A <sup>119m</sup> Sn Mossbauer oxidic systems as flame retardants and smoke suppressants for rigid PVC. <u>Polymer Degradation and</u> <u>Stability</u>.14(1986): 307-318.
- Cusack, P.A., Smith, P.J., Brooks, J.S. and Smith, R. A study of flame-resist treatments of wool by inorganic tin chemicals. <u>Journal of the Textile Institute</u> 7(1979): 308-315.
- 12. Blunden, S.J. and Evans, C.J. Organotin Compounds. London, I.T.R.I. Publications, 1990.

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- Ohtani, H., Kimura, T., Okamoto, K., Tsuge, S., Nagataki, Y. and Miyata, K. Characterization of polyurethane by high-resolution pyrolysation pyrolysis-capillary gas chromatograph chromatography. <u>Journal of Analytical and Applied Pyrolysis</u>.

   12(1987): 115-133.
- Lewin, M., Atlas, S.M. and Pearce, E.M. <u>Flame-Retardant Polymeric Materials</u>. 3rd ed.
   New York: Plenum Press, 1982.
- 15. ----- Flame-Retardant Polymeric Materials. 2nd ed. New York: Plenum Press, 1978.
- 16. ----- Flame-Retardant Polymeric Materials. 1st ed. New York: Plenum Press,1975.
- 17. Scott, G. <u>Developments in Polymer Stabilisation</u>. vol. 5 : London: Applied Science Publications, 1982.
- Tasher, E., Shenkov, S., Troev, K., Boriaaov, G., Zabski, L. and Edlinski, Z. Phosphorus containing rigid polyurethane foams. <u>European Polymer Journal</u>. 24(1988): 1101-1105.
- 19. Hepburn, C. Polyurethane Elastomers. London: Applied Science Publications, 1982.
- Norman, G. and Gerald, S. <u>Polymer Degradation and Stabilisation</u>. Cambridge: Cambridge
   University Press, 1985.
- 21. Pitts, J.J. Journal Fire Flammability. 3(1972): 31-55.
- 22. Ashida, C. and Kaneyoshi, P. European Patent 0347497, 1988.
- 23. American society for testing and material (ASTM) D 2863-91; 1991, Standard test method for measuring the minimum oxygen concentration to support candle-like combustion of plastics (Oxygen Index).
- 24. American society for testing and material (ASTM) E 662-79; 1983, Measurement, in the laboratory, of the specific optical density of smoke generated by materials.
- 25. Fuller, M.J. and Warwick, M.E. The catalytic reduction of nitrous oxide by carbon monoxide over tin(IV) oxide. <u>Journal of catalysis</u>. 39(1975): 412-418.
- 26. Fuller, M.J. and Warwick, M.E. The catalytic reduction of carbon monoxide on tin(IV) oxide. <u>Journal of catalysis</u>. 29(1973): 441-450.
- Blunden, S.J., Hill, R. and Sutton, S.E. A thermal analytical study of some mono- and diorganotin oxides and carboxylates. <u>Applied Organometallic Chemistry.</u> 5 (1991): 159-65.

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## VITA

Miss Somrudee Nilmanee was born on January 16,1970 in Bangkok, Thailand. She graduated in Bachelor Degree of Science with major in chemistry from Chulalongkorn University in 1990. In the same year, she was a graduate student at Chulalongkorn University. She graduated in Master Degree of Science (Organic Chemistry) in 1993.