

# Silicone Plastination of Biological Tissue: Cold-temperature Technique Additional Products

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## 1. Preservation Specialties:

*Product:* Preservation Silicone Polymer 1 and 2; Tin Catalyst; Hardener/Crosslinker.

*Distribution:* Preservation Specialties, LLC; 4392 Otto Road; Charlotte, MI 48813; Phone: (517) 543-8213 selection #1; URL:[www.preservationspecialties.com](http://www.preservationspecialties.com); e-mail: [pjo@preservationspecialties.com](mailto:pjo@preservationspecialties.com)

### *References:*

Ocello PJ. 1995: A Method for Preserving Biological Tissue. Department of Anatomy, College of Veterinary Medicine, Michigan State University, East Lansing, MI 48824 U.S. Patent #5,431,952, U.S Patent Office Washington D.C 1995.

Ocello PJ, Render J, Rosenstein D. 1995: A New Method of Preservation of Gross Anatomical Specimens. *Vet Pathol* 32(5):562.

## 2. Shin-Etsu Polymer:

*Product:* Shin-Etsu polymer KE-108, Catalyst CAT-108, RTV (room temperature vulcanizing) thinner.

*Distribution:* Shin-Etsu Chemical Co. Ltd., Silicone Division, 6-1, Ohtemachi 2-chome, Chiyoda-ku, Tokyo, 100-004 JAPAN. URL:<http://www.shinetsu.co.jp/>; Fax: (81) 3 3246 5362

### *References:*

Miyake Y, Sakamoto Y, Hirokawa M, Yamashita K. 1990: Modified von Hagens' method using silicone KE108 (Japanese). *Pathology and Clinical Medicine* 8(11):1439-1441.

Sakamoto Y, Miyake Y, Hirokawa M, Yamashita K. 1995: Gross pathological specimens -A new method for plastination (Japanese). *Japanese Society of Pathological Technology* 51:15-16.

Sakamoto Y, Miyake Y, Kanahara K, Kajita H, Ueki H. 2006: Chemically reactivated plastination with Shin-Etsu Silicone KE-108. *J Int Soc Plastination* 21:11-16.

## 3. Sui/Hoffen:

*Product:* Silicone polymer - Hoffen R1; Catalyst - Hoffen R2; Hardener - Hoffen R6.

*Distribution:* Dalian Hoffen Bio-technique Co. Ltd, Room 301, No. 32, Lixian Street, Hi-Tech Zone, Dalian, China. URL:<http://www.hoffen.com.cn>; e-mail: [wangjian599@hotmail.com](mailto:wangjian599@hotmail.com); Fax: (86) 411 8475 4558

## 4. VisDocta Research Laboratories:

*Product:* Silicone polymer - VS-HS1; Catalyst - VS-HS1/D; Cross-linker - VS-HS1/G.

*Distribution:* VisDocta Research Laboratories, Dr. Tsabari Shahar, via Panoramica 2B, 25080 BS Tignale, Italy. [visdocta@tin.it](mailto:visdocta@tin.it), <http://www.visdocta.com/>, Ph: (39) 3 65 761 000, Fax: (39) 3 65 761 900