

From Functional Siloxanes to Performance Enhancing Applications

Location: Your Computer Offering # 0904-702 Priority Code: 520

WHO SHOULD ATTEND

This online training is intended for professionals in the personal care industry with a desire to learn how to formulate functional siloxanes into various personal care applications. It will be especially valuable to professionals in the following areas:

- Formulation Development
- Sales
- Marketing
- Pharmaceutical Specialists
- Technical Service
- Process Engineers
- Fragrance & Flavor Specialists

LEARNING OBJECTIVES

Upon completion of this training, you will be able to:

- Link the functional properties of functional siloxane chemistry to specific applications
- How to formulate with functional siloxanes
- Consider alternatives to siloxane chemistry

COURSE DESCRIPTION

This 90-minute **accredited** online training course will translate the Fundamental Properties of siloxane chemistry into personal care applications. Silicones have been around since the mid 1900's; primarily as Dimethicone and Cyclomethicone. Organo-siloxane chemistry and application has evolved over the past 60 years both in the US and globally to enhance the marriage of the functional characteristics of the siloxane backbone with the functionality of organics. This training focuses on the properties of siloxane chemistry and the resultant benefits in personal care formulations and consumer value.

Module 1:

- Review Silane to Siloxane Chemistry
- Review Functional Properties of Siloxanes
- Applying Performance Attributes

Module 2:

- Formulating Skin Care Products
- Formulating Antiperspirant Products
- How to Use
- Key Benefits
- Marketplace Examples

Module 3:

- Formulating Hair Care Products
- Formulating Color Cosmetics & Specialty Applications
- How to Use
- Key Benefits
- Marketplace Examples

Question and Answer Session

TUITION AND REGISTRATION

TUITION* - **Single Rate:** U.S. \$295.00 per person **Group Rate:** U.S. \$245.00 per person**

Register at www.cfpa.com. Enter **Course Offering #0904-702** into **Quick Jump**. To register use **Priority Code: 520**.

For Questions and Information call Customer Service at 732-613-4500.

Please Note: Multiple participants are not authorized to share access provided to a single registrant, a single dedicated seat license must be purchased for each individual. CfPA reserves the right to cancel access or collect the group rate payment if this requirement has been violated. Only registered participants will receive accreditation.

For more information see reverse side →



CfPA

The Center for Professional Advancement
Accredited Technical Training Worldwide

PO Box 7077, East Brunswick NJ 08816
Phone 732-238-1600 • Fax 732-238-9113

www.cfpa.com

COURSE DIRECTOR

Eric Abrutyn, retired Sr. Principal Scientist from Kao Brands and founder TPC² Advisors Ltd., Inc., consultants to the personal care industry. Eric Abrutyn is a graduate of New York University-New Paltz with a Masters in Chemistry and of C.W. Post College/Long Island University with a B.S. in Chemistry. Has over 35 years of experience in the cosmetic and toiletries industry. Mr. Abrutyn is an active member of the Society of Cosmetic Chemists, on the Advisory Board of Cosmetics & Toiletries magazine, and is Chairman of the Personal Care Products Council (formerly CTFA) International Nomenclature Committee (INC).

Mr. Abrutyn has recently retired from Kao Brands Company as a Senior Principal Scientist. He has contributed broadly in the fields of hair care research, skin care product development & underarm product development. His other past experiences are with Dow Corning as a Senior Technical Service Scientist in the field of silicone chemistry and Wickhen Products as Director of R&D in the field of antiperspirants, esterification, spray drying, and free-radical polymerization. Mr. Abrutyn holds over 15 patents, is contributing editor to 4 books, author of many technical articles and numerous presentations in the field of antiperspirants, polymerization, controlled release and silicone applications.

Eric retired from Kao Brands and started a personal consulting business [TPC² Advisors Ltd., Inc]. TPC² Advisor's mission is to provide the personal care industry with technical support in the understanding of the properties, performance and value of technology to improve the success of new product development and commercialization.

ACCREDITATIONS



The Center for Professional Advancement has been approved as an Authorized Provider by the International Association for Continuing Education and Training (IACET), 8405 Greensboro Drive, Suite 800, McLean, VA 22102. In obtaining this approval, The Center for Professional Advancement has demonstrated that it complies with the ANSI/IACET Standards which are widely recognized as standards of good practice internationally. As a result of their Authorized Provider membership status, The Center for Professional Advancement is authorized to offer IACET CEUs for its programs that qualify under the ANSI/IACET Standards.

WHO WE ARE

The Center for Professional Advancement (CfPA) is the largest accredited technical training organization in the world with a curriculum of approximately three hundred and fifty short courses in 18 industries including Pharmaceutical, Biotechnology, Medical Device, Chemical, Cosmetics, Food and more.

Since our founding in 1967, we have successfully trained nearly a half million people worldwide in topics ranging from basic and introductory concepts to new advances and cutting-edge technology, and current U.S. and European regulations. CfPA courses are offered in a variety of formats – Public offering, Client Site and Online- to fit you or your company's training needs

For more information visit our website at www.cfpa.com

COURSES OF INTEREST

- **The International Cosmetic Ingredient Dictionary and Handbook: The Process and Impact for Back Label Disclosure**—An Online Course
course id# 2170
- **Everything You Wanted to Know About Antiperspirants in 90 Minutes**—An Online Course
course id# 2190
- **Taking the Mystique out of Silicones for the Personal Care Industry**—An Online Course
course id# 2195
- **Siloxane Technology and Personal Care Applications**
course id# 2207
- **Silicon to Siloxanes: Chemistry and Properties**
—An Online Course
course id# 2247
- **Hair Product Development**
course id# 2076
- **Skin Product Development**
course id# 1050
- **Ingredients for Cosmetics and Toiletries**
course id# 971

ABOUT ON-DEMAND:

Our pre-recorded on-line training courses are available for viewing at your convenience at your computer. Register for a CfPA on-demand course, your registration will be processed within two (2) business days, after payment and registration are complete you will receive an email from olinettraining@cfpa.com with your password to access the on-demand course. You will have two (2) business days to view the course. You MUST complete all polls and the course evaluation to receive your accreditation certificate for this course.

TERMS AND CONDITIONS

***Payment:** Tuition payable in US funds net of all charges. Payment is due at time of registration in the form of a credit card. Please contact CfPA's Customer Service for other payment options.

****Group Rate:** The Group Rate is for two or more enrollments, up to five registering from the same company at the same time. For groups of six or more, please contact Customer Service for group pricing.

Cancellations/No Show: "Live" - Registrants may cancel up to two working days prior to the course start date and will receive a letter of credit to be used towards a future course up to one year from date of issuance. No credit will be issued for no-shows and/or cancellations less than two working days prior to the course. : "On-Demand" - No refund or credit will be issued for no-shows and/or cancellations of on-demand training courses. CfPA is not responsible for any outside related costs incurred by registrant's cancellation.