



Australian Government

SHBBCCS007 Interpret the chemical composition and physical effects of cosmetic products

Release: 1

SHBBCCS007 Interpret the chemical composition and physical effects of cosmetic products

Modification History

No equivalent unit.

Application

This unit describes the performance outcomes, skills and knowledge required to interpret the composition and effects of cosmetic products in order to provide accurate advice and achieve positive outcomes for clients in beauty therapy treatments.

It requires the ability to investigate and interpret information about active ingredients in cosmetic products and their application. Cosmetic products are selected and used in the design and application of facial, hand and foot and body treatments in order to achieve agreed treatment outcomes.

This unit applies to workers in nail, make-up, and beauty salons. In these environments, they work in a team but have responsibility for maintaining their own product and treatment knowledge.

The skills in this unit must be applied in accordance with Commonwealth and State or Territory legislation, Australian standards and industry codes of practice.

No occupational licensing, certification or specific legislative requirements apply to this unit at the time of publication.

Pre-requisite Unit

Nil

Competency Field

Client Services

Unit Sector

Beauty

Elements and Performance Criteria

ELEMENTS

Elements describe the essential outcomes

PERFORMANCE CRITERIA

Performance criteria describe the performance needed to demonstrate achievement of the element.

- | | |
|--|--|
| 1. Apply knowledge of cosmetic chemistry to beauty therapy treatments. | 1.1. Identify relevant concepts of cosmetic chemistry and apply to the design and performance of beauty therapy treatments according to relevant legislation and workplace policies and procedures.
1.2. Assess range of organic chemistry and relate to beauty therapy treatments.
1.3. Identify the role of percutaneous absorption and role of the skin in acting as a barrier while allowing the passage of chemicals used in beauty therapy treatments. |
| 2. Apply knowledge of cosmetic products to beauty therapy treatments. | 2.1. Assess the function of chemical formulations from a range of cosmetic emulsions in relation to action on the skin.
2.2. Assess formulation, function and action of range of cosmetic ingredients in relation to action on the skin.
2.3. Assess formulation of range of beauty therapy products in relation to purpose and action on the skin.
2.4. Assess environmental impact of ingredients in range of beauty therapy products.
2.5. Identify contraindications to the use of individual products as they relate to client health and treatment outcomes. |
| 3. Select products to complement beauty therapy treatments. | 3.1. Apply knowledge of cosmetic chemistry to beauty therapy treatments to maximise positive outcomes.
3.2. Recognise skin problems or requirements and select cosmetic products based on product formulation, function and action to complement range of beauty therapy treatments.
3.3. Apply the relevant principles of cosmetic chemistry in provision of post-treatment care and advice.
3.4. Document treatment plans. |

Foundation Skills

Foundation skills essential to performance in this unit, but not explicit in the performance criteria are listed here, along with a brief context statement.

SKILLS

DESCRIPTION

- Reading skills to:
- interpret unfamiliar and detailed documents which describe product contents, performance, purpose and directions for use
 - source, read, comprehend and apply relevant information to evaluate potential chemical and physical actions of cosmetic products when designing beauty treatments.
- Writing skills to:
- accurately and legibly record relevant data on treatment plans.
- Oral communication skills to:
- use active listening, and open and closed probe questioning to determine client requirements and preferences
 - translate information on actions of products and treatments when providing advice, responding to questions, and providing information and reassurance to clients on beauty therapy treatments or home-care products
 - select and use appropriate terminology in consultations with clients and discussions with team members.
- Learning skills to:
- learn meaning and terminology of uncommonly used and difficult chemicals and formulations.
- Problem-solving skills to:
- identify suitable cosmetic products for diverse skin types, treatment requirements and problems.
- Technology skills to:
- access online publications and internet resources that build knowledge for providing advice to clients.

Unit Mapping Information

No equivalent unit.

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=255d312b-db07-48f2-b6d6-1b0b06c42898>

Assessment Requirements for SHBBCCS007 Interpret the chemical composition and physical effects of cosmetic products

Modification History

No equivalent unit.

Performance Evidence

Evidence of the ability to complete tasks outlined in elements and performance criteria of this unit in the context of the job role, and:

- access and document information on chemical composition and effects of cosmetic products from a comprehensive professional range for at least one of the following:
 - nail care
 - make-up
 - skin care
- apply organic chemistry knowledge to the design of beauty therapy treatments for at least five clients with varying skin types and requirements
- for each of the above clients:
 - identify client needs and constraints
 - identify contraindications
 - assess formulation, function and action of range of cosmetic ingredients for suitability
 - select suitable cosmetic products with formulation and functions to suit client skin types and requirements
 - advise on features, benefits and action on the skin
 - provide accurate treatment and post-treatment care advice
- develop or update treatment plans and records for each of the above clients, specifying:
 - skin type and conditions
 - areas requiring special treatment
 - contraindications
 - cosmetic products
 - formulations, types and strengths
 - treatment sequence
 - treatment duration
 - expected actions on skin
 - after-care advice.

Knowledge Evidence

Demonstrated knowledge required to complete the tasks outlined in elements and performance criteria of this unit:

- sources and format of cosmetic product information:
 - manufacturer support materials:
 - product leaflets, brochures, booklets
 - internet sites
 - product labels
 - product and service manuals
 - discussions with customers, staff members and product suppliers
- legal requirements relevant to advice on cosmetic products:
 - state or territory and local health and hygiene regulations
 - occupational health and safety
- workplace policies and procedures relevant to cosmetic products:
 - health and hygiene
 - comfort and privacy
 - quality assurance
- concepts of cosmetic chemistry:
 - atoms
 - bonds
 - ions
 - molecules
 - chemical compounds
 - matter
 - chemical change
 - neutralisation and buffering
 - organic chemistry
 - chemical reactions
 - acids and bases and their effect on human health
- cosmetic ingredients
 - liposomes
 - liposome structure
 - types of liposomes:
 - unilaminate
 - multilaminate
 - uses of liposomes
 - oils
 - semisolid emollients
 - polyethylene glycols (PEGs)
 - waxes
 - surfactants
 - thickeners
- organic chemistry:

- carbon structures
- bonds between carbon structures
- saturated and unsaturated bonds
- types of organic chemicals
- major skin chemicals
- proteins
- soluble and insoluble proteins
- lipids:
 - non-saponifiable
 - saponifiable
- common fatty acids
- complex lipids:
 - phospholipids
 - sphingolipids
- effects and benefits of cosmetic product ranges:
 - cleansing
 - toning
 - moisturising
 - exfoliating
 - moisturising
 - occludent treatment
 - remedial treatments
- percutaneous absorption:
 - skin as a barrier
 - skin and the percutaneous absorption process
 - absorption pathways
 - rates of penetration
 - use of vehicles or carriers
 - measuring percutaneous absorption
 - bioavailability and biological activity
 - therapeutic
 - cosmetic
 - actions of cosmeceutical products
- beauty therapy products:
 - types of face masks:
 - wax-based
 - rubber-based
 - hydrocolloid-based
 - earth-based
 - vinyl

- protein
- fruit and vegetable preparations
- facial and body powders:
 - slip powders
 - covering powders
 - absorbency powders
- lipsticks:
 - solvents
 - waxes
 - emollients and waterproofing agents
 - dispersant agents
 - perfumes
 - colours
- eye make-up:
 - block mascara made from wax, soap, and pigment
 - cream mascara made from pigment, cold cream or a vanishing cream base
 - liquid mascara made from alcohol and resin solutions
- eyeshadows and eyeliners:
 - anhydrous creams
 - oil and water
 - wax crayon
 - pressed powders
 - liquid suspensions made from pigment dispersion in oil, gum or alcohol
- colour in cosmetics:
 - pigment
 - dyes
 - lakes
 - colour interaction
 - colour regulation
 - colour codes
- contraindications:
 - manufacturers' product-specific contraindications based on:
 - skin type
 - skin conditions
 - skin disorders
 - known allergic reactions
- post-treatment care and advice:
 - lifestyle changes
 - sun protection
 - skin care

- effects of nutrition on skin and hair
- product advice
- advice on further services.

Assessment Conditions

Skills must be demonstrated in a beauty industry environment; this can be:

- a beauty industry workplace or
- a simulated beauty workplace set up for the purpose of skills assessment.

Assessment must ensure access to:

- clients with different beauty products requirements, who have the expectation that the services provided reflect those of a commercial business
- hand washing facilities:
 - basin
 - hot and cold running water
 - liquid soap
 - single use towels or hand dryer
- workplace documents:
 - manufacturer instructions for equipment
 - product manuals listing product ingredients, formulations, labelling and guidelines for use.

Assessment must ensure use of:

- a comprehensive professional range for at least one of the following:
 - nail care
 - make-up
 - skin care
- assessment activities that allow the individual to:
 - provide advice within commercially realistic speed, timing and productivity
 - demonstrate competency in an environment reflective of real work situations
 - manage tasks and contingencies in the context of the job role.

Assessors must satisfy the Standards for Registered Training Organisations' requirements for assessors and:

- hold a qualification as a beautician or beauty therapist
- have worked as a beautician for at least three years where they have applied the skills and knowledge of this unit of competency.

Links

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