

IMERCARE™

P A R I S

Natural. Mineral.
Beautiful.

ImerCare™ minerals
for cosmetics



IMERYS

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A complete range of mineral solutions

for cosmetics formulators developed by Imerys,
the world's leading producer of mineral specialties.

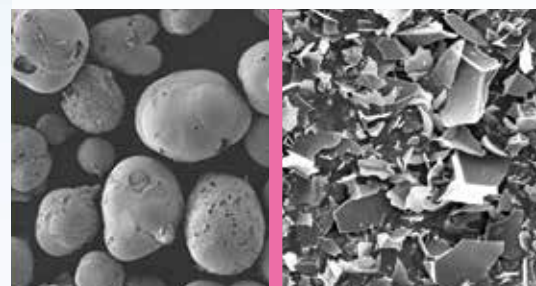
All ImerCare™ mineral grades are highly pure, chemically
resistant, inert, innocuous and offer good skin tolerance.

PERLITE

Perlite products are made from a volcanic glass which contains 2-6% water in its inner structure.

When heated to around 900°C, the water trapped within the structure is vapourised, causing the material to expand.

The ImerCare™ P range is used in many different personal care products which require exfoliation or high-absorbency properties.



Benefits and applications

- Exfoliating action in scrubs and anti-dandruff shampoos
- Cleaning and polishing agent in toothpaste
- Good mattifying effect in make-up applications



KAOLIN

Kaolin is a naturally occurring hydrous aluminium silicate. Part of the clay family, kaolin is hydrophilic.

The ImerCare™ K range has been specifically designed for formulations where whiteness and a skin purifying effect are desired.



MAGNESIUM SILICATE

Imerys has launched a new range of magnesium silicates under the ImerCare™ banner.

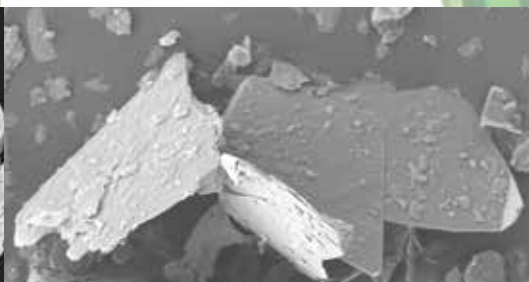
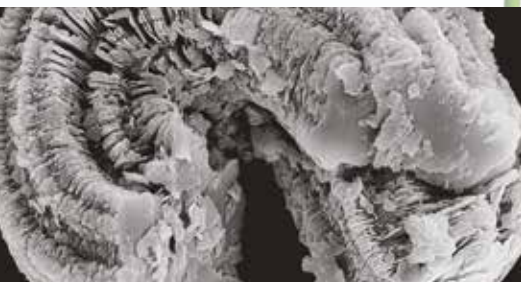
ImerCare™ magnesium silicates are engineered to obtain an innovative structure which enhances cohesion as well as the optical and sensory properties of make-up powders.



DIATOMACEOUS EARTH

Diatomaceous earth is composed of microporous siliceous fragments of fossilised skeletal remains of aquatic algae, known as diatoms.

Due to its micro-porous structure, the ImerCare™ D range offers ultra-high absorbency power for make-up and deodorant applications.



Benefits and applications

- Sebum and impurities absorption for face masks
- Opacifying agent in shampoos and shower gels
- Rheology control in emulsions

Benefits and applications

- From luminous, transparent effect to full coverage in make-up
- Spreads smoothly and evenly on skin
- High compaction in pressed powders

Benefits and applications

- Dry touch agent and body control in deodorants
- Mattifying agent in make-up
- Sebum absorption and fast drying time in face masks



IMER CARE™

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About Imerys Filtration & Performance Additives Europe, Middle East and Africa

Imerys Filtration & Performance Additives Europe, Middle East and Africa (F&PA EMEA) is a division of Imerys, the world leader in adding value to minerals. Combining high quality mineral resources with advanced industrial know-how and technologies, Imerys designs, manufactures and sells mineral-based specialties that enable customers to improve product performance and process efficiency.

F&PA EMEA operates mines and processing plants in Austria, Belgium, France, Italy, Spain, Turkey, UK and Zimbabwe, yielding a broad range of minerals including bentonite, diatomite, kaolin, mica, perlite, talc, vermiculite and wollastonite.

Our industry experts have harnessed the properties of these minerals to bring customers improved performance in a wide range of applications such as agriculture, construction, cosmetics, ceramics, filtration, food, foundry, paper, paints, pharmaceuticals, plastics and rubber.

With over a hundred years' experience in our business, we offer the highest quality mineral products on the market today. We are also the acknowledged leaders in supply reliability and technical support – the services that create value for our customers and set us apart from competitors.

Meeting today's needs. Securing tomorrow's.

We believe that running a successful business and sustaining quality of life and the environment go hand in hand. From implementing behaviour based safety training to rehabilitating the land, we think it's important that future generations' needs are not compromised by our actions today.

Our fundamental sustainability principles are:

- **Safety** - We promote the health and safety of employees, contractors, customers, neighbours and consumers through active caring.
- **Partnership** - We seek to understand the issues that are important to our neighbours, and to make a lasting contribution to the communities in which we operate.
- **Environmental protection** - We work to minimise our environmental footprint by using natural resources efficiently, preventing pollution, complying with applicable laws and regulations and continually improving our performance.
- **Accountability** - We conduct business in an accountable and transparent manner, relying on external auditing and reporting to understand and reflect our stakeholders' interests.
- **Product stewardship** - We are committed to ensuring that our products are safe for people and the environment, employing best available technology and following best-in-class procedures to ensure that our standards and practices meet or exceed safety requirements everywhere we do business.

We conduct life cycle assessments (LCA) at all our operations to quantify the environmental effects associated with producing our products from the mine to factory gate, and to identify areas for improvement.

Likewise, we compile life cycle inventories (LCI) of the energy consumption, materials used and emissions generated by each of our product ranges. These LCA can be made available to customers and research institutions on request.

Adding value through natural minerals

Formulating for our customers

Imerys has unique knowledge of mineral technology combined with in-depth applications expertise. By enhancing the inherent natural properties of each mineral, we are able to optimise parameters such as particle size, shape and packing; crystal micro-structure; colour; absorbency and hardness to meet specific formulation requirements.

Our applications specialists work directly with you on your formulations. By matching exactly the right mineral to your performance requirements we bring added performance to your end products and save you valuable time.

Compliance

All ImerCare™ mineral grades are natural, highly pure, chemically resistant, inert, innocuous and offer good skin tolerance¹. They are not treated with chemicals during processing. These properties enable the ImerCare™ range to be used in cosmetic products that comply with cosmetic directive regulation (EC) n°1223/2009.

Certificates of origin and any additional documentation are available upon request. The ImerCare™ range is Ecocert certified. This accreditation underscores the “naturalness” of the minerals selected and produced by Imerys for the cosmetics industry².



INCI name	Product name	Median particle size d50 (µm)	Oil absorption (mL/100g)	Whiteness Y	Specific density
Kaolin	ImerCare™ 2K	1.7	40	83	2.6
	ImerCare™ 07K	0.7	40	86	
	ImerCare™ 04K	0.4	45	88	
	ImerCare™ 02K-S	0.2	50	88	
	ImerCare™ Opaque NEW!	0.6	80	91	
Pelite	ImerCare™ 20P	20	185	82	2.1
	ImerCare™ 25P	25	220	82	
	ImerCare™ 30P	30	245	82	
	ImerCare™ 90P-Scrub	90*	250	75	
	ImerCare™ 120P-Scrub	120*	270	75	
	ImerCare™ 190P-Scrub	190*	45	70	
	ImerCare™ 270P-Scrub	270*	45	70	
	ImerCare™ 400P-Scrub	400*	45	70	
	ImerCare™ 800P-Scrub	800*	100	60	
	ImerCare™ PerlWhite 19	19	130	80	
Diatomaceous Earth	ImerCare™ 03D	3	120	90	2.2
	ImerCare™ 18D	18	90	85	
	ImerCare™ 266D	12	130	80	
	ImerCare™ 400D	11	220	80	
Magnesium Silicate	ImerCare™ SheerSilk NEW!	3	70	90	2.8
	ImerCare™ Velluto NEW!	2	65	85	

*must be read as d90 in µm

¹ OECD Guideline N°439 (July 2010) for testing chemicals in vitro skin irritation. Reconstructed human epidermis test method. (Certificate available upon request)

² Except ImerCare™ 02K-S

www.imerys-perfmins.com
www.imerystalc.com