

# Mineral vs Chemical Based Sunscreen - Houston-Based Dermatologist, Dr. Andrew Quinn, Explains

*Dr. Quinn, a licensed dermatologist, offers pros & cons for the two types of sunscreen - Mineral and Chemical*

HOUSTON, TEXAS, UNITED STATES, July 23, 2024 /EINPresswire.com/ -- When it comes to protecting your skin from the harmful effects of the sun, choosing the right sunscreen is crucial. Sunscreens are broadly categorized into two types: mineral and chemical.



Understanding the differences between these two can help you make an informed decision to safeguard your skin effectively.

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At Quinn Dermatology, we specialize in treating sun-damaged skin using advanced techniques and personalized care plans, including laser therapy, chemical peels, and topical treatments.”

*Dr. Andrew Quinn*

## Mineral Sunscreens

Mineral sunscreens, also known as physical sunscreens, contain active ingredients like zinc oxide and titanium dioxide. These compounds work by forming a protective layer on the surface of the skin that physically blocks and reflects ultraviolet (UV) rays away from the skin. This type of sunscreen starts working immediately upon application, providing instant protection against both UVA and UVB rays.

One of the primary advantages of mineral sunscreens is

their suitability for sensitive skin. They are less likely to cause irritation or allergic reactions, making them ideal for individuals with skin conditions such as rosacea or eczema.

Additionally, mineral sunscreens are often recommended for young children and those with sensitive skin because they are generally free from harsh chemicals.

However, mineral sunscreens can sometimes leave a white cast on the skin, which might not be aesthetically pleasing for everyone. Recent advancements in formulation have improved this aspect, but it is still a consideration for some users.

### Chemical Sunscreens

Chemical sunscreens, on the other hand, contain organic (carbon-based) compounds like oxybenzone, avobenzone, and octocrylene. These ingredients absorb UV radiation, convert it into heat, and release it from the skin. Unlike mineral sunscreens, chemical sunscreens need to be applied at least 15-20 minutes before sun exposure to be effective.



Chemical sunscreens are often favored for their cosmetic elegance. They tend to be lightweight and easily absorbed into the skin, leaving no white residue. This makes them a popular choice for daily use, especially under makeup.

However, some individuals may experience skin irritation or allergic reactions to the ingredients in chemical sunscreens. Additionally, certain chemical sunscreen ingredients have been found to harm marine life, leading to bans in some environmentally conscious regions.

[Quinn Dermatology](#): Your Partner for Healthy Skin & [Sun Damage](#) Treatment

Despite the best preventive measures, prolonged sun exposure can still lead to skin damage, including sunburn, premature aging, and an increased risk of skin cancer.

"At Quinn Dermatology, we specialize in treating sun-damaged skin using advanced techniques and personalized care plans," said Dr. Quinn.

"Our team of experts is dedicated to helping you achieve healthy, radiant skin. We offer a range of treatments for sun damage, including laser therapy, chemical peels, and topical treatments tailored to your specific needs."

Whether you're dealing with sunspots, wrinkles, or more serious skin conditions, Quinn Dermatology is here to provide comprehensive care and effective solutions. Whether you choose mineral or chemical sunscreen, the key is to use it regularly and correctly to protect your skin from harmful UV rays. And if you find yourself needing treatment for sun damage, trust the

professionals at Quinn Dermatology to restore your skin's health and vitality.

Stay protected and enjoy the sun safely!

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