Serpentine

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General Mineral Formula: $Mg_3Si_4O_{10}(OH)_2$

Mineral Chemical Class: Inosilicates : Phylosilicates

Specific Gravity: 2.5-3.2

Hardness: 2-5

Cleavage: Usually not discernaable because of crystal development. Maybe basal cleavage in Chrysotile

Luster: Greasy, Waxy, or silky

Streak: White

Characteristic Color(s): White, yellow, green. Sometimes multicolored, especially green and yellow

Crystal System: Monoclinic

Crystal Class:

Crystal Description (common forms, habit, etc.): Antigorite, Clinochrysotile. Fibrous veins may be straight, more often curved. Some soft forms resemble wool.

Environment (where you find the material: Fairly common in many environments and is an important rock forming mineral in many metamorphic environments

Common Mineral Associations (in samples, also consult text, notes: Talc, Magnesite, Dolomite, Brucite, Olivine, Calcite, Magnetite.

Scientific Usage/Significance:

Industrial or Social Use/Significance: Primary source of industrial asbestos. 95% of all asbestos.

Environmental Significance: