

Chrysocolla - $(\text{Cu};\text{Al})_2\text{H}_2\text{Si}_2\text{O}_5(\text{OH})_4 \cdot n\text{H}_2\text{O}$

Hardness = 2.5 - 3.5. Cleavage: None observed. Composition somewhat variable hence properties not consistent between samples. Attacked by acids. Wash only in distilled water; avoid NH_3 , detergent and soaps. Probably intolerant of dithionite recipes. Often porous so any wet treatment should be followed by a prolonged soak in fresh distilled water.

References

Mindat: <https://www.mindat.org/min-1040.html>

Handbook of Mineralogy: <https://www.handbookofmineralogy.org/pdfs/chrysocolla.pdf>

Hardinger, S. (2025) Mineral Specimen Cleaning and Development for the Amateur, 339 p.

Sinkankas, J. (1972) Gemstone & Mineral Data Book, 346 p. Winchester Press, New York.