

## surface excess enthalpy

Defined by:

$$H^\sigma = U^\sigma - \gamma A_s$$

where  $U^\sigma$  is the surface excess energy,  $\gamma$  is the surface tension, and  $A_s$  is the area relative to a Gibbs surface.

**Source:**

PAC, 1972, 31, 577 (*Manual of Symbols and Terminology for Physicochemical Quantities and Units, Appendix II: Definitions, Terminology and Symbols in Colloid and Surface Chemistry*) on page 599