

Chemical Fume Suppressants Approved for Use at Specific Surface Tensions

Table updated October 20, 2023

Chemical Fume Suppressant and Manufacturer¹	Chrome Plating Application	Stalagmometer Measured Surface Tension (dynes/centimeter)	Tensiometer Measured Surface Tension (dynes/centimeter)
Fumetrol 21 LF2® Atotech, U.S.A	Hard plating	≤ 30	≤ 27
Dicolloy CRPF® ProCom LLC	Decorative plating and chromic acid anodizing	≤ 32	≤ 29
HCA-8.4® Hunter Chemical LLC	Decorative plating and chromic acid anodizing	≤ 25	≤ 22
HCA-8.4® Hunter Chemical LLC	Hard plating	≤ 33	≤ 30
Macuplex STR NPFX® MacDermid Enthone Industrial Solutions	Decorative plating and chromic acid anodizing	≤ 32	≤ 30

¹The products in this table do not contain PFOS and comply with the United States Environmental Protection Agency's National Emission Standards for Hazardous Air Pollutants - Hard and Decorative Chromium Electroplating and Chromium Anodizing Tanks (40 C.F.R. Part 63, Subpart N (commencing with 63.340), 77 Fed. Reg. 58219 (September 19, 2012)).