

ERRATUM

Volume **140**, Number 1 (1998), in Article No. SC987863, "Selective Deposition of UCl_4 and $(\text{KCl})_x(\text{UCl}_4)_y$ inside Carbon Nanotubes Using Eutectic and Noneutectic Mixtures of UCl_4 with KCl ," by J. Sloan, J. Cook, A. Chu, M. Zweifka-Sibley, M. L. H. Green, and J. L. Hutchison, pages 83–90: Some of the surface tension data in Table 1b on p. 84 were incorrectly reported. Although no major conclusions are affected, UCl_4 (and KCl , which is beam-sensitive) should have been incorporated within MWT capillaries (see Table 2a). The correct surface tension data are reproduced here, for the reader's convenience.

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TABLE 1b
Compositions Used to Fill MWTs (See Also Fig. 1)

Composition (see Fig. 1)	KCl: UCl_4 (mol%)	Liquidus temperature (K)	Calculated ST (mN/m)
UCl_4	0:100	863	38 at 900 K
A	39.33:60.67	742	46.94 at 900 K
B	50:50 (1:1)	608	56.98 ^a at 750 K
C	66.7:33.3 (2:1)	~893	51.51 ^b at 950 K
D	73.2:26.8	835	64.37 ^c at 980 K
KCl	100:0	1043	94.93 at 1120 K

^a Estimated from 56.04% KCl: 43.96% UCl_4 composition; probably lower at eutectic composition.

^b Estimated from 64.31% KCl: 35.69% UCl_4 composition; may be higher due to formation of $2\text{KCl} \cdot \text{UCl}_4$ (K_2UCl_6).

^c Estimated from 73.68% KCl: 26.32% UCl_4 composition.