

Response

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We respond to the comments made by highlighting the following points:

- (1) To our knowledge allyl species have not previously been mentioned in any thiocarbamate pyrolysis. We provide details of systematic mechanism of decomposition.
- (2) Concerning the schemes given for predicted mechanisms, this has been based on quantitative TG tabulated with stages of decomposition and is substantiated by DSC. We were surprised to receive Professor Hill's comments on this matter, especially given his prior conclusion published in *Rev. Inorg. Chem.* 14 (1994), 363.

We quote the authors' comments "With respect to thermal analysis of metal dithiocarbamate complexes, insufficient systematic investigation have been reported to be able to establish meaningful trends in such data and to be able to predict thermal decomposition."

- (3) A point has been raised with respect to rationalization of thermal decomposition mechanisms for metal dithiocarbamate complexes and the nature of the terminal alkyl groups. We feel that this assumption could not be made when we have only allyl group.
- (4) We fully appreciate the work of J. Hill et al., which is acknowledged in our publication.