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STANOSTAT CPM10C COLLOIDAL DISPERSION

DATA SHEET – 034

Issue 4, Effective Date: 16/08/2005

Chemical Name: Conductive tin compound, tin antimony grey cassiterite.

C.A.S. No: [68187-54-2]

EINECS No: 2691059

Description: CPM10C Colloidal Dispersion comprises a colloidal dispersion of antimony-doped tin oxide in water. It may be used to produce transparent coatings with anti-static or static-dissipative properties.

Physical state: Blue-grey aqueous colloidal dispersion

TYPICAL PHYSICAL PROPERTIES:

Solids content: 15 to 30% w/w

pH: 5 to 8

Powder resistivity: 5 to 30 ohm.cm *

Primary crystallite size (TEM): 2 to 10 nanometres *

Surface area (BET): 70 to 100 m² g⁻¹ *

(* = based on powder from dried dispersion)

Keeling & Walker Limited reserve the right to make improvements to this product without prior notification. All information is given in good faith but without warranty.

This Data Sheet supersedes and replaces all previous issues.

Keeling & Walker Test Methods are available for all the above determinations.

Keeling & Walker StanoStat CPM10C Colloidal Dispersion is manufactured under a Quality Assurance System certified to comply with ISO 9000.