



Keeling & Walker

World Leader in Tin Oxide



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**HIGH SURFACE AREA
TIN OXIDE (HSATO-S*)**

DATA SHEET - 047 Issue 1, Effective Date: 27/03/02

Synonyms: Silica doped tin oxide, silica doped stannic oxide

C.A.S. No: 18282-10-5

EINECS No: 2421590

Description: High surface area tin oxide is supplied as a white or pale yellow powder consisting of aggregates of spherical primary particles. Uses include catalysis and ion exchange.

TYPICAL PROPERTIES:

Physical characteristics

Surface area (BET):	> 100 m² g⁻¹
Specific gravity:	6.9
Tap Density:	2000 g l⁻¹
Average particle size	< 5 microns

Chemical impurities

Pb, Sb, In, Fe, Cu, Bi, As, Mg, Ca:	0.05% maximum, individual oxides
Co, Ni, Zn, Cd, Ag, Mn, Cr:	0.01% maximum, individual oxides
Total of impurities listed above:	0.15% maximum

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 High Surface Area Tin Oxide is manufactured under a Quality Assurance System certified to comply with ISO 9000.