



## DATA SHEET

### Colloidal Tin Oxide Series

#### NYACOL® Colloidal Tin Oxide

### NYACOL SN15 and NYACOL SN15CG

Nyacol Nano Technologies, Inc. offers the SN series of colloidal tin oxides for use as a binder in ceramic and catalyst applications, a passivation agent, an anti-scuff agent on glass, and a potential conductor in glass.

#### TYPICAL PROPERTIES

	SN15	SN15CG
SnO <sub>2</sub> , wt.%	15	15
Particle Size, nm	10 – 15	10 – 15
Particle Charge	Negative	Negative
pH	9.0 – 11.0	9.0 – 10.5
Counter Ion Concentration, %	0.5 Potassium	0.23 Ammonia
Potassium Concentration, ppm	---	100 – 300
Specific Gravity	1.15	1.15
Viscosity, cP	5 – 10	5 – 10

#### PACKAGING

NYACOL SN products are available in 55-gallon plastic drums with a net weight of 500 pounds or in 5-gallon pails with a net weight of 47 pounds.

#### SAFETY

NYACOL SN products are basic and may cause eye and skin irritation. Users should observe precautions printed on the package label. A Safety Data Sheet for these products will be supplied on request.

#### STORAGE

NYACOL SN products should not be subjected to temperatures of 32°F or below to avoid freezing.

#### FOR ORDERS OR ADDITIONAL INFORMATION

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