



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 ₂ , wt.%	15	15
Particle Size, nm	10 – 15	10 – 15
Particle Charge	Negative	Negative
pH	9.0 – 10.5	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

Nyacol Nano Technologies, Inc.

Megunko Road

PO Box 349

Ashland, MA 01721

Telephone: 508-881-2220 Local Area

800-438-7657 Toll-Free

Fax: 508-881-1855

Internet: www.nyacol.com

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