



Product Data Sheet:

R-E-D 112 NSL Colloidal Silica

R-E-D 112 NSL colloidal silica sol is the perfect treatment for finishing concrete by increasing the density and strength of concrete.

Chemically, the silicon dioxide reacts with the calcium oxide and water to form calcium silicate hydrate, the increased bonds reduce overall surface porosity. The lithium reduces the overall effects of alkali-silica reaction or ASR.

The end result is a significantly improved concrete surface with better wear resistance, reduced porosity and an increased protection from ASR.

METHOD OF APPLICATION

For new concrete: Dilute to a ratio of 6 to 1 with water and use a low pressure sprayer. The surface should be wetted and allowed to dry.

For existing concrete: The surface should be scrubbed clean. Dilute 4 to 1 with water and use a low pressure sprayer to wet the surface. Allow 1-2 hours drying time. A water repellent coating is recommended.

Packaging: 5-gallon pails and 55-gallon drums.

Storage: Keep from freezing. Store between 40F and 105F.

Safety: SDS available upon request.

Customer Service/Inside Sales:

Lacey Frantz

Email: LFrantz@redindustrialproducts.com

Website: www.redindustrialproducts.com

Phone: (877) 733-2281 ext. 2

Fax: (877) 733-2281

Mobile: (724) 815-3363

Director Of Operations/Sales:

Rodney J. Chiodo

Email: Rjchiodo@redindustrialproducts.com

Website: www.redindustrialproducts.com

Phone: (877) 733-2281 ext. 1

Fax: (877) 733-2281

Mobile: (814) 673-1552

TYPICAL PROPERTIES

Appearance:	Clear liquid
Solids, % by weight:	13 - 15
Particle Size, nm	6 - 8
Viscosity, cP:	<10
pH:	9 - 10
% Li:	< 0.5



Serving the Refractory and Mineral Processing Industries!