



SG-201

IPA-Based Conductive XG-Ink

SG-201 is an electrically conductive ink/coating formulated with XG Sciences' **xGnP® Graphene Nanoplatelets** for application by gravure, flexographic or screen printing. **SG-201** has excellent adhesion to a variety of substrates. **SG-201** provides an alternative to meet your printing needs without sacrificing performance.

Mixing and Dilution

Thoroughly mix **SG-201** with an agitator or a paint shaker before use. If necessary, add thinner while mixing.

Drying

Coated parts should be dried at 70°C for 5 – 10 minutes immediately after printing.

Clean-up Solvent

IPA

Safety and Handling

For safety and handling information pertaining to this product, read the Material Safety Data Sheet (MSDS)

Storage and Shelf Life

Container should be stored, tightly sealed in a clean and stable environment at room temperature. Avoid high heat or freezing. Shelf life of material in unopened containers is six months from the date of shipment. Some settling of solids may occur and compositions should be thoroughly mixed prior to use.

Typical Properties	SG201
Sheet Resistivity (ohm/sq*mil)	25-35
Viscosity (cPs)	400
% Solids	15
Drying Time (min @ 70 C)	5-10
Thinner	IPA