




• PROVEN.  
• *Quality*  
SINCE 1969  
• PRODUCTS •

## Nitrocellulose Solutions

For over 42 years Schwartz Chemical Corporation has been successful in helping other formulators and manufacturers streamline their operations. Whether your decision to outsource is strategic or product related, designed to avoid or reduce capital investment or prompted because of the specialized nature of manufacturing and know-how required to convert Nitrocellulose, SCC can help you expand your manufacturing and packaging capabilities and meet your formulating needs.

### BENEFITS OF OUTSOURCING

- **Reliable Sourcing** and quality nitrocellulose
  - **Exceptionally Clear Solutions** for better end products
  - **Stringent Quality Control** and processing to meet industry demands
  - **Risk Management**, we source, handle, warehouse and freight.
  - **Streamline** your manufacturing, utilize capabilities for core items
  - **Reduced** soft costs stemming from inefficiently handling, converting and warehousing
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**SCHWARTZ**

ADVANCED CHEMISTRY SOLUTIONS

[www.schwartzchem.com](http://www.schwartzchem.com)



# SCC Nitrocellulose Solutions

SCC Nitrocellulose Solutions for **Adhesives, Printing Inks, Cosmetics, Paper, Metals, Wood Coatings, Films, Packaging and Leather Protection...**

## STANDARD WETTED NITRO GRADES

	R-10	R-167	R-8	R-9	R-69	R-136	R-199	R-11	R-165
<b>Nitrogen Grade</b>	RS 15-20sec	RS ½ sec	RS ½ sec	RS ¼ sec	RS 18-25cps	RS 10-15cps	SS ½ sec	SS 30-35cps	SS 10-15cp
<b>Nitrogen Range</b>	11.8-12.3	11.8-12.3	11.8-12.3	11.8-12.3	11.8-12.3	11.8-12.3	10.7-11.3	10.7-11.3	10.7-11.3
<b>Dampened</b>	IPA	IPA	Ethanol	IPA	IPA	Ethanol	IPA	IPA	IPA
<b>Typical Application</b>	Coatings	Coatings	Coatings	Coatings	Coatings	Coatings	Inks	Inks	Inks

\* Custom grades are available and subject to 90 day lead time. Minimums apply.

**RS** (also known as *E grades*): soluble in ester solvent, can be diluted with alcohols, aliphatic and aromatic solvent; standard grades for wood and leather coatings; fast solvent release; forms harder films than SS; more resistant to alcohols than SS grades; very good mechanical properties

**SS** (also known as *A grades*): soluble in Alcohol, Ethanol and Methanol; characterized by thermoplastic behaviour which is important for heat-sealing foils and/or films; preferred grade for inks because of their solubility in alcohol; rarely used in wood coatings because of its poor resistance to ethanol.

## STANDARD SOLUTIONS

	SCC1	SCC2	SCC3	SCC4	SCC5
<b>NG Grade</b>	RS 15-20 sec	RS 5-6 sec	RS 1/2 sec	RS 1/4 sec	RS 18-25 cps
<b>Solids, %wt</b>	15	20	28	35	40
<b>Viscosity, cPs (20°C)</b>	33,500	16,000	36,500	32,000	17,500
<b>Density, g/ml</b>	0.940	0.960	1.020	1.030	1.050
<b>Solvent Systems</b>	n-Propyl Acetate	n-Propyl Acetate	n-Propyl Acetate	n-Propyl Acetate	n-Propyl Acetate

## CUSTOM SOLUTIONS AND NITRO GRADES

SCC can customize all standard solutions to better meet a formulator's requirements, contact us with your specifics via e-mail at [sccnitro@schwartzchem.com](mailto:sccnitro@schwartzchem.com)

## PACKAGING

**Drums:** Open-head type, non returnable

**Totes:** Certified stainless totes, contact us to discuss your customized exchange program

**Tankers:** SCC can direct fill into a tanker, minimums apply. A third party is used, standard carrier, wait time and tanker wash fees apply.

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## ABOUT SCHWARTZ CHEMICAL CORPORATION

Schwartz Chemical Corporation operates a 38,000 sq. ft. Class 1 Division 1 facility in Pickering, Ontario, where it formulates, manufactures and packages solvent-based, water-based and UV/radiation cure, bake and air dry coatings and adhesives for a wide range of applications.

Our products include floor finishes, plumbing solvent cements, primers and cleaners, adhesives, millwork, furniture and cabinetry finishes, and metal and specialty coatings.

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