

## Technical Data Sheet

<b><u>Coding</u></b>	<b>series 550</b>
<b>NCS550 Nitro cellulose clear sanding Sealer 550 SUPER ULTRA</b>	
<b>Brand Name</b>	<b>WOODLAC</b>
<b>Color</b>	<b>Transparent When Sprayed</b>
<b>Chemistry</b>	<b>Nitro cellulose</b>
<b>Diluents</b>	<b>NC thinner</b>
<b>Hardener</b>	<b>NONE</b>

### **COMPOSITION AND APPLICATION FIELD**

**NCS 550** is A Nitro cellulose solvent base clear sealer System Selected from High Quality Raw Material ,it has a good clearance and high solid content if compared to other NC sealers , with high levelling and flow properties resulting good closing pores possibility .

**NCS 550** has a very good sanding property and create an adequate adhesion base coat for further top coat built up .

**NCS 550** is one of the best solution for wood coating system where coating hardness properties is required like tables top . However the result will always differ from the selection of the Top coat used and quality of solvent in which

**NCS 550** is diluted .

#### **Application Field For NCS 550:**

Veneer and timber massive wood, Birch ,Oak, Wenge ,Cherry ,Rose wood etc...for some oily veneer or wood massive timber an isolation procedure to be applied prior to sealer **NCS550**.

**NCS 550** has an excellent property to keep the substrate ready with good adhesion of top coat.

**NCS 550** is a good solution to be used on a stained veneer or wood timber with limited non change aspect.

**NCS 550** is considered to be a part of a wood finishing system and applied as a sealer for top coat **NCT 550** which is a

Nitro cellulose Top coat.

**NCS 550** might be as well a good solution if applied over stained veneer or massive wood timber where acceptable hardness and mechanical resistant properties are needed.

**NCS 550** present film property to be able to accept over high gloss or semi matt and matt top coat

## APPLICATION

### THINNING

For conventional spray Application with NC thinner 200-300%

For Airless air assisted Application with PU 7 thinner 150-200%

For Curtain Application systems : with NC 5 thinner 200-250%

In hot humid climate an addition of 3 to 5 % of OX7 is recommended upon working need

## TECHNICAL CHARACTERISTICS

### PHISICAL PROPERTIES

Specific gravity for NCS 550	1.0	(±0.003)	Kg/l
Viscosity. cps/25°C	15000	(± 5 )	cps
Solid by packed volume	50%	+/-3%	
Flash Point	21°C		

**APPLICATION RATE** .....7 m<sup>2</sup>/kg /( each coat)overspray not considered

### DRYING at 25°C

* Dust free	5 min
Touch drying	10min .
Sanding drying	4Hrs

On serial batch coating systems it is always recommended to check all the parameters on a small test application before starting any coating cycle .

### Mechanical properties

Sanding	very good
Adherence	very good

## Preparation Manual

NCS 550 Series are normally used for substrate, wood timber and veneer to be placed indoor and has an excellent mechanical resistivity in case used on our complete system with our NCT500U TOP COAT clear in that case system can give the look of wood shining in

**Best to overcoat in not less than 2/3hrs depend on climate situation.**

**Curtain systems :** Dilution must be respected with our NC thinner to keep viscosity steady and avoid any problem in application .

**PACKED IN** : 1 Lit & 4 Lit, 5 Lit , 19 Lit & 25 Lit .

**STORAGE** Product filled in a well sealed pail or gallon with 12months shelve life from production date at 23°C

Content of this data sheet may be modified or cancelled without prior notice

Factory :Haber Building ,Rwess Street ,Fonar ,Lebanon  
Commercial Branch :Hazmieh- Mar Takla –Lebanon -Tel/Fax+961 5 454292  
E mail :Infotec@hamcolb.com [www.hamcolb.com](http://www.hamcolb.com)