

Nelsonite

Chemical Products, inc.

WOOD STABILIZERS AND WOOD PRESERVATIVES

NELSONITE 30B32

This stabilizer is recommended for use on wood that is to have no further finishing. Its high solid content and its penetrating qualities make it one of the most efficient stabilizers on the market. The wax in it gives the wood a smooth satin finish that lasts indefinitely. It stabilizes and controls dimension, it reduces manufacturing costs and it gives your product a sales feature desired by your customers. The following will explain:

STABILIZATION & DIMENSIONAL CONTROL

1. Reduces shrinking of wood in dry areas which trouble arises during the fall and winter when all times in such areas as West Texas, Arizona, results in end splits and surface checks. This heat is turned on in the factory or home, and at and New Mexico.
2. Reduces swelling of wood in humid areas which results in sticking, warping and splitting. This trouble arises during the spring and summer when the heat is turned off and the windows opened, and at all times in the coastal and the large river valley areas.
3. Holds down the grain of the wood indefinitely even when subjected to water.
4. Gives moving parts a smooth, easy and stable operation.
5. Parts most suited for Nelsonite 30B32
 - a. Drawers
 - b. Drawer Guides
 - c. Extension Slides
 - d. Bench Tops
 - e. Shoe Trees
 - f. Game Boards

REDUCES MANUFACTURING COSTS

1. Gives a drawer finish equal to or better than that received from a seal, sand, and wax job, in one operation instead of three; resulting in manufacturing savings of 33-1/3%.
2. Cheaper to dip drawer guides and extension slides than to wax them by hand after assembly.
3. Gives a smooth, satin natural finish on bench tops, shoe trees and game boards in one operation instead of three when you have to seal, sand, and wax.

4. Oil base stains may be mixed with Nelsonite 30B32 to stain and Nelsonize in one operation further reducing costs.

SALES FEATURES

1. Reduces returns and allowances.
2. Insures easy operation of moving parts.
3. Helps your product to sell itself and to bring added business.
4. The sticker shown below is furnished without charge to show your customer you are giving him the best in stabilization.



APPLICATION SUGGESTIONS

Since production layout and procedure differ, no pre-set Nelsonizing plan can be suggested that will work for all factories. However, the following examples may be helpful in installing the process in many plants. Our engineers are available without charge to assist you.

1. **DRAWERS** - After the drawer has been assembled and the front finished except for rubbing, dip in Nelsonite for 30 seconds. Then allow to drain until excess has run off, wipe off the front and return the drawer to the case. Some of our customers do not wipe the front if they are going to rub within an hour because they like Nelsonite as a rubbing lubricant.
2. **DRAWER GUIDES** - When the drawer guides are completely machined, bundle dip them for 30 seconds, allow to drain and then store as usual.
3. **EXTENSION SLIDES** - Same as Drawer Guides.
4. **BENCH TOPS** - After the tops are machined and finish sanded, dip in Nelsonite for 30 seconds and allow excess to drain off. If an additional coat is desired, dip again after a 12 hour drying period, then steel wool or buff.
5. **SHOE TREES** - See Drawer Guides.
6. **GAME BOARDS** - See Bench Tops.

APPLICATION INSTRUCTIONS

1. **GENERAL**
 - a. Nelsonite should be applied at room temperature, 60 to -85 degrees F. If received during cold weather, allow to warm up to room temperature for 48 hours before using. Wood to be treated should be not less than 60 degrees F.

- b. Good ventilation around the Nelsonizing operation and in the drying area is essential to dissipate the solvent fumes.
- c. Keep Nelsonite away from open flame. Flash point is 103 degrees F.
- d. Dip tanks should be tightly covered when not in use to prevent unnecessary evaporation of solvents. Also, partially filled containers should be covered.

2. APPLICATION

- a. **BRUSH** - Apply liberally and evenly first to the end wood, then the surface and again to the end wood.
- b. **DIP** - Immerse completely for 30 seconds or better and allow excess to drain. (Dipping is recommended for greatest stabilizing efficiency and economy.)
- c. **SPRAY** - Wet Nelsonite on at a nozzle pressure of not more than 10 to 15 pounds. Fogging it on at higher pressure will not apply enough material. A No.2 gun with an E nozzle is suggested.

3. DRYING TIME

- a. **HANDLING** - Three to five minutes.
- b. **SMOOTH FINISH** - 72 hours at room temperature. Although 30B32 dries in a matter of minutes for handling, it takes 72 hours for the permanently smooth finish to cure.
- c. **TESTING** - Normal laboratory procedure is to allow one week for curing before testing. **DO NOT TEST IN LESS THAN 72 HOURS AFTER TREATMENT.** Although NELSONITE dries in a matter of minutes for handling, it takes the solids 72 hours to completely cure and set up to form the moisture barrier for which it is noted.