

WOOD FINISH BASED ON **SYNTRAN® 6110** AND **SYNTRAN® 6120**

Formulation F-20-081-01 @ 25% N.V.

Formulations based on a combination of **Syntran 6110** and **6120** have shown excellent cost performance properties in wood top coat products. The **SYNTRAN 6110** has a minimum film formation temperature of 30° C and provides excellent film flexibility and low VOC demand while the **SYNTRAN 6120** has a minimum film formation temperature of 72° C and improves film hardness as well as mar and scuff resistance. The formulation combines the benefits of each polymer while providing improved gloss and film clarity.

Mix in Order Listed:	<u>Type</u>	<u>Weight %</u>
Water		41.10
Bactericide		Q.S.
Tributoxy Ethyl Phosphate	Plasticizer	1.50
Propylene Glycol	Coalescing solvent	0.70
1% Active Zonyl FSH	Levling agent	0.70
Dibutyl Phthalate	Plasticizer	1.20
Propylene Glycol Monomethyl Ether	Coalescing solvent	1.50
Dipropylene Glycol Monomethyl Ether	Coalescing solvent	3.70
Syntran 6110 @ 45% N.V	Polymer	37.20
Syntran 6120 @ 45% N.V.	Polymer	12.40
Defoamer		Q.S.
YIELD:		100.00%

Procedure

- Add water, coalescing solvents, plasticizers and leveling agent in the order listed. Mix until a homogenous solution results (20-30 minutes).
- Add **Syntran 6110** and **Syntran 6120** as quickly as possible and without interruption.
- Stir combined ingredients for 60 minutes.

Final pH 8.6 +/- 0.2