

## Strong Hold Styling Gel

(Sample Recipe for HairFix XH Maltodextrin)

### Strong Hold Styling Gel

Phase A	Weight %	For 100g /3.6 oz
Water (diluent)	69.35 %	69.35 g / 2.5 oz
Tetrasodium EDTA (chelating agent)	0.04 %	0.04g / 0.001oz
Sorbitol (humectant)	0.2 %	0.2g / 0.007oz
GelMaker Style (styling agent)	2.5 %	2.5g / 0.09oz
HairFix XH Maltodextrin (styling agent)	25 %	25.0g / 0.9oz
Silk Protein (film-forming agent)	1 %	1.0g / 0.04oz
Provitamin B5 (protecting agent)	0.5 %	0.5g / 0.02oz
<b>Phase B</b>		
Mica Light Blue (colorant)	0.01 %	0.01g / just a pinch
Fragrance (perfume)	0.2 %	0.2g / 7 drops
Phenoxyethanol-SA (preservative)	0.7 %	0.7g / 0.025oz
Triethanolamine (neutralizer)	0.5 %	0.5g / 0.017oz add drop wise

#### Method

Add EDTA to the water and mix until dissolved.

Add Sorbitol to the water and mix until dissolved.

Add GelMaker Style and stir well.

Add HairFix XH/Maltodextrin and stir well.

Add phase B ingredients and stir well.

Add Triethanolamine (TEA) drop wise, stir continuously until the gel becomes thick. Ideal pH around 5.5-6.5.

#### Properties

HairFix XH/Maltodextrin offers structural hold, lasting control, and manageability. If an extreme hold is desired Hair Fix XH/Maltodextrin can be increased to about 32%.