

## Water-based Nail Polish - Blue Denim

Inspired by denim, this glossy blue coloured nail polish contains **WorléeAqua Nail 200** to get more flexibility and high scratch resistance. The formulation is cold process and without the need for expensive equipment. The colour is achieved with **WorléeBase AQ** preprepared water soluble pigment dispersions.

Trade Name	INCI Name	Function	%W/W	Supplier
1 WorléeAqua Nail 200	Aqua (and) Polyacrylate-42 (and) Dipropylene Glycol Dibenzoate (and) PPG-2 Methyl Ether (and) Oxidized Polyethylene (and) Phenylpropanol (and) Caprylyl Glycol (and) Decylene Glycol	Water soluble nail polish base	90.7	Worlée De Via Protec Ingredia
2 HDKH20	Silica Dimethyl Siylate	Filler	1	Wacker
3 WorléeBase AQ 77007/1	CI 77007 (and) Aqua (and) Methylpropanediol (and) Ammonium Acrylates Copolymer (and) Sodium Acrylates Copolymer (and) Simethicone (and) Caprylyl Glycol (and) Phenylpropanol	Water soluble pigment dispersion	7.1	Worlée De Via Protec Ingredia
4 WorléeBase AQ 77266/1	Aqua (and) Ammonium Acrylates Copolymer (and) CI 77266 (and) Methylpropanediol (and) Simethicone (and) Caprylyl Glycol (and) Phenylpropanol	Water soluble pigment dispersion	0.2	Worlée De Via Protec Ingredia
5 Syncrystal Soft Silver	Synthetic Fluorophlogopite, Titanium Dioxide, Tin Oxide	Effect powder	1	Eckart

## Method of Manufacture

### Into the main vessel add:

**WorléeAqua Nail 200** Start the mixer on a slow speed

### Slowly add the following into the main vessel:

HDKH20 Mix until homogenous.

WorléeBase AQ 77007/1 Mix until homogenous.

WorléeBase AQ 77266/1 Mix until homogenous.

Syncrystal Soft Silver Mix until homogenous.

**Mix for a further 10 minutes to ensure all the ingredients are adequately mixed.**

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