



## WHO PQT-VC Declaration of Product Formulation for Coated ITN Fabrics

Company:	Example Net Manufacturing Ltd.
Product Name:	Example Nets Coated
PQ Ref #:	
Formulation Code:	ENM2274
Version Number:	001
Effective Date:	27/2/2020

### Section A: Chemical Compositions and Formation of Fabric Intermediates

#### A1: Filament

Denier: 3 D

Ingredient	Grade/CAS#/Other	Supplier Name(s) and Address(es)	Amount	Purpose in Formulation
Polyethylene terephthalate	Grade: GDC 51	Example Polymers Ltd., [address]	1000mg/g	Carrier
		Total	1000mg/g	

#### A2: Yarn

Filament count: 33

Denier: 100 D

#### A3: Fabric

Fabric weight: 40g/m<sup>2</sup>

## Section B: Chemical Compositions of Formulated Intermediates

### B1: Coating Suspension

Ingredient	Grade/CAS#/Other	Supplier Name(s) and Address(es)	Amount	Purpose in Formulation
Deltamethrin	CAS# 52918-63-5	Example Chemical Co., [address]	50mg/g	AI
Poly(methacrylic acid co-methyl methacrylate) 1:1	CAS# 25212-88-8	Example Chemical Co., [address]	100mg/g	Binder
Maize starch	CAS# 9005-25-8	Example Chemical Co., [address]	40mg/g	Thickener
Silcofoam (silicones mixture)	Product code: SF816	Example Chemical Co., [address]	10mg/g	Anti-foaming agent
Water	N/A	Example Chemical Co., [address]	100mg/g	Vehicle
Water	N/A	On-site supply	700mg/g	Vehicle
Total			1000mg/g	

Note: The coating suspension is purchased as a concentrate (Product code: CS834D5) then diluted to volume prior to use.

### Section C: Chemical Composition of the Coated Fabric

#### C1: Wet Fabric

Fabric weight (wet): 60g/m<sup>2</sup>

Ingredient	Grade/CAS#/Other	Amount by Weight	Amount by Area
Fabric	TableA3	667mg/g	40g/m <sup>2</sup>
Deltamethrin	From coating suspension (B1)	17mg/g	1.0g/m <sup>2</sup>
Poly(methacrylic acid co-methyl methacrylate) 1:1 CAS# 25212-88-8	From coating suspension (B1)	33mg/g	2.0g/m <sup>2</sup>
Maize starch CAS# 9005-25-8	From coating suspension (B1)	13mg/g	0.8g/m <sup>2</sup>
Silcofoam SF816	From coating suspension (B1)	3mg/g	0.2g/m <sup>2</sup>
Water	From coating suspension (B1)	267mg/g	16g/m <sup>2</sup>
Total		1000mg/g	

Note: Target pick-up of the coating suspension is 50% of the weight of the net.

**C2: Coated Fabric****Fabric weight: 44g/m<sup>2</sup>**

Ingredient	Grade/CAS#/Other	Amount by Weight	Amount by Area
Fabric (B2)	Table B2	909mg/g	40g/m <sup>2</sup>
Deltamethrin	From coating suspension (A2)	23mg/g	1.0g/m <sup>2</sup>
Poly(methacrylic acid co-methyl methacrylate) 1:1 CAS# 25212-88-8	From coating suspension (A2)	45mg/g	2.0g/m <sup>2</sup>
Maize starch CAS# 9005-25-8	From coating suspension (A2)	18mg/g	0.8g/m <sup>2</sup>
Silcofoam SF816	From coating suspension (A2)	5mg/g	0.2g/m <sup>2</sup>
Total		1000mg/g	

Note: Water is lost by evaporation during the drying stage.

***Previous Versions***

Version Number	Effective Dates	Reason for Replacement

***Confidentiality***

All formulation information provided on this form is considered confidential business information.

**Name of Authorized Contact Person for the Manufacturer:**

**Signature of Authorized Contact Person for the Manufacturer:** \_\_\_\_\_

**Date:**