

Micro Plastic Replacement

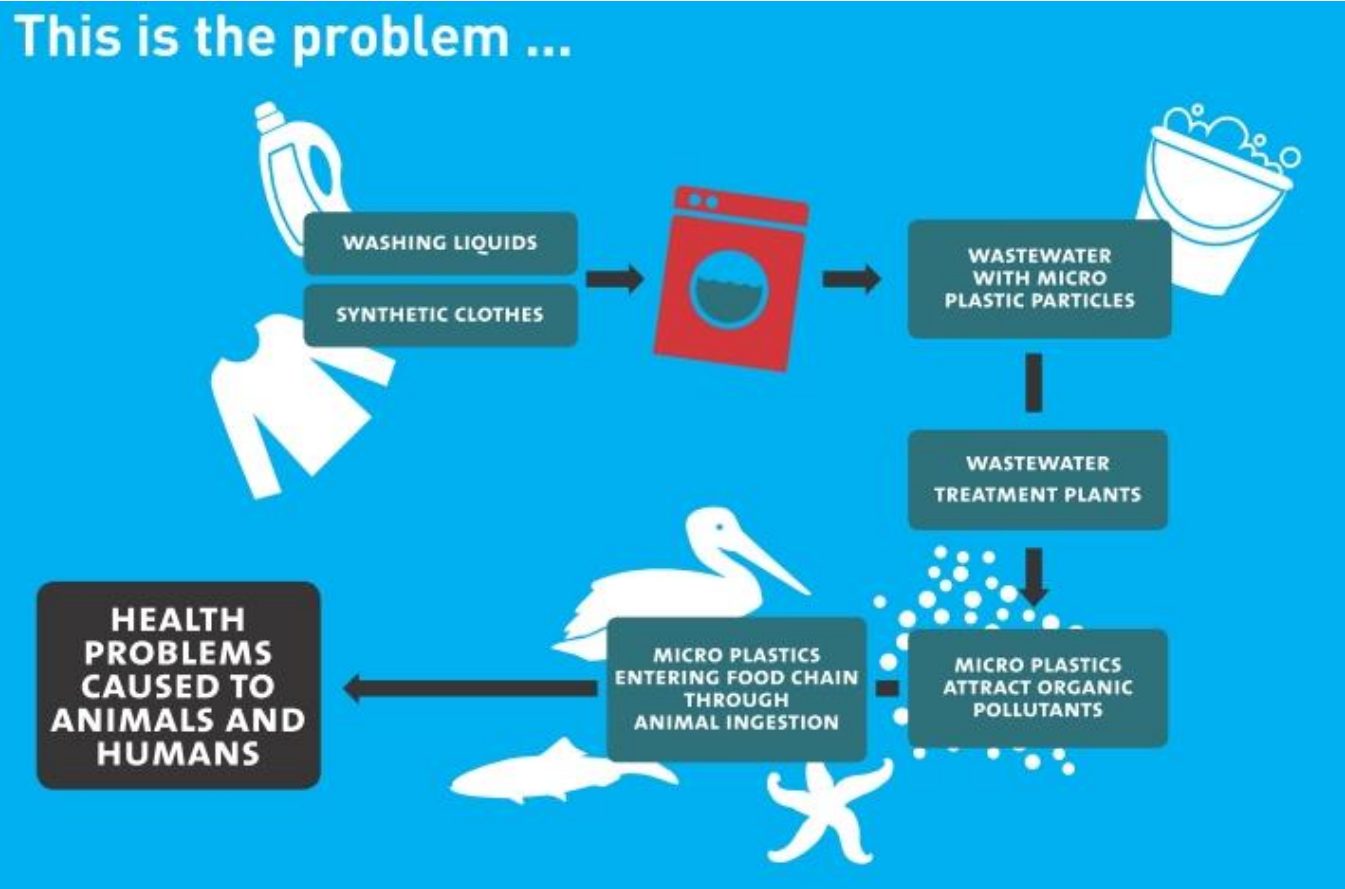
SUNJIN BEAUTY SCIENCE

May 2020

Ver 2.0

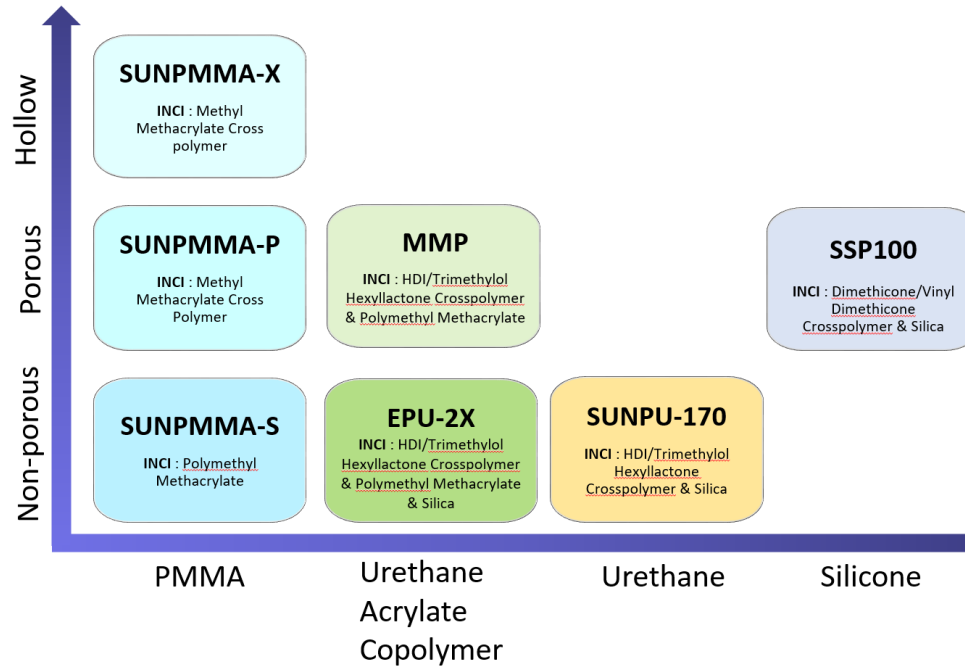
Proposal for Clean Cosmetics

Microplastic-free



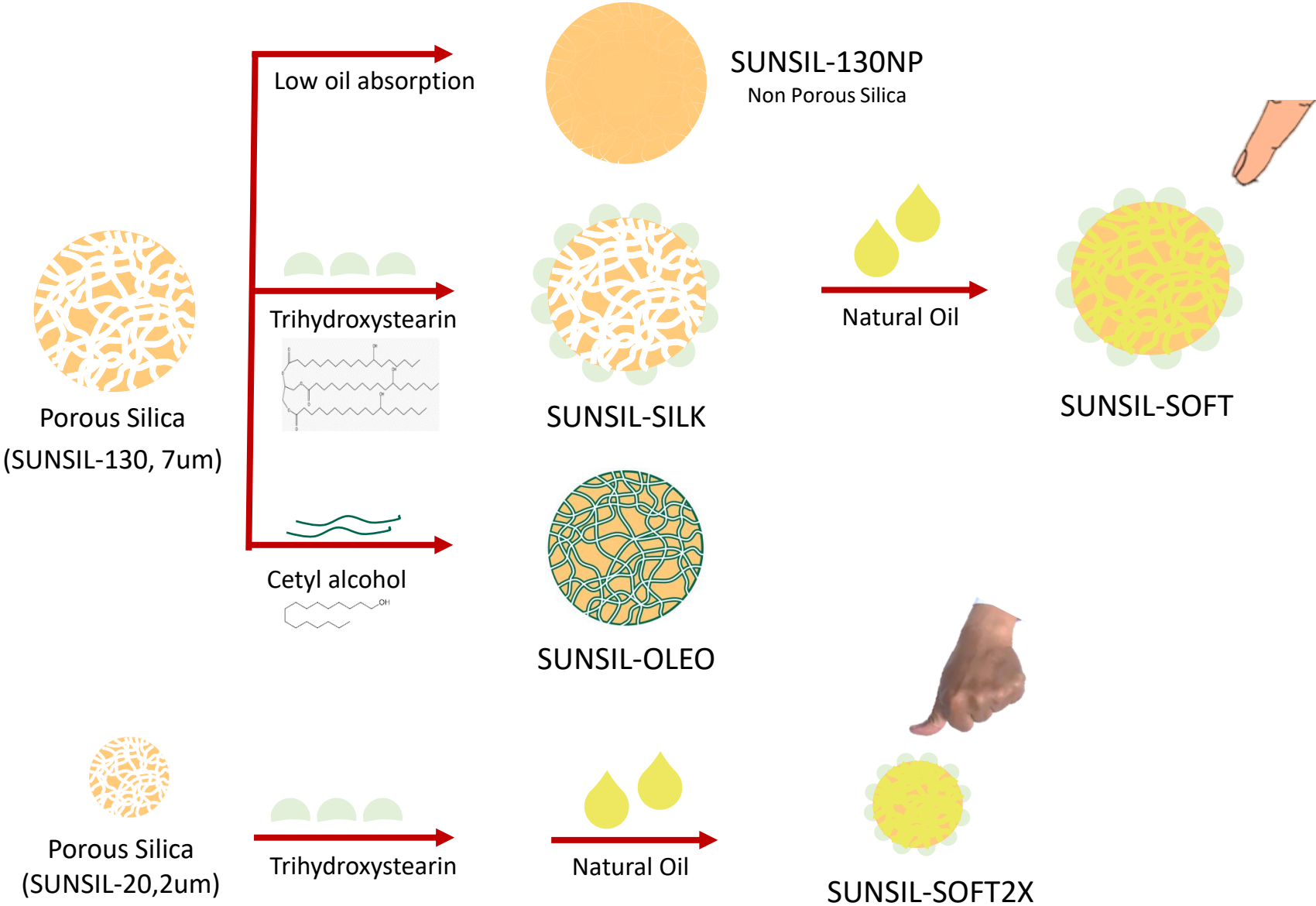
Yes, SUNJIN is offering Microplastic Beads

Polymer Bead Overview



We are happier to offer “Microplastic” Replacements

Micro Plastic Replacements



Plastic Bead Replacement Guideline

Micro Plastic Beads

Natural Micro Beads

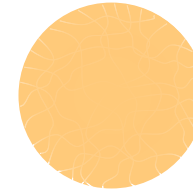
SUNPMMA-S

INCI : Polymethyl Methacrylate



SUNSIL-130NP

INCI: Silica



Low Oil Absorption

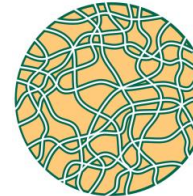
SUNPMMA-P series

INCI: Methyl Methacrylate copolymer



SUNSIL-OLEO Series

INCI: Silica & Cetyl Alcohol



Selective Sebum Absorption

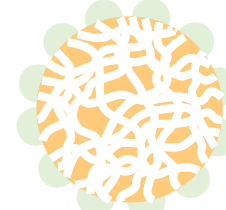
SSP100

INCI : Dimethicone/Vinyl Dimethicone Crosspolymer & Silica



SUNSIL-SILK

INCI: Silica & Trihydroxystearin



Elastic & Porous

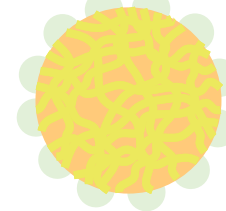
Nylon-12

INCI: Nylon-12



SUNSIL-SOFT

INCI: Silica & Trihydroxystearin & Macadamia Ternifolia Seed Oil



Elastic

Nylon-12

INCI: Nylon-12



SUNSIL-SOFT2X

INCI: Silica & Trihydroxystearin & Macadamia Ternifolia Seed Oil



Pressible

SUNSIL-NP

for Non-porous PMMA Replacement

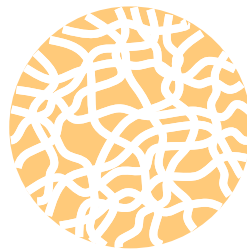
SUNPMMA-S

INCI : Polymethyl Methacrylate
Particle Size : 7um
Oil Absorption (cc/g) : 0.45

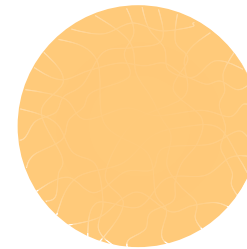
**Low Oil
Absorption**

SUNSIL-130NP

INCI: Silica
Particle Size : 7um
Oil Absorption (cc/g) : 0.45



Silica



SUNSIL-130NP
Non Porous Silica

“Low Oil Absorption”

SUNIL-OLEO Series

for Porous PMMA replacement

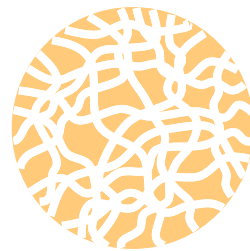
SUNPMMA-P series

INCI: Methyl Methacrylate copolymer

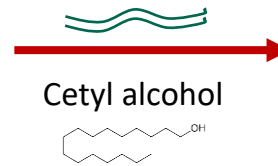
**Selective
Sebum
Absorption**

SUNSIL-OLEO Series

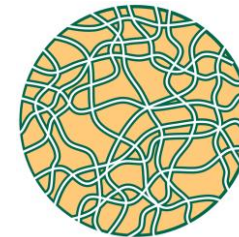
INCI: Silica & Cetyl Alcohol



Silica



Cetyl alcohol



SUNSIL-OLEO

“Lipophilic”

SUNIL-SILK

for **Silicone bead** replacement

SSP100

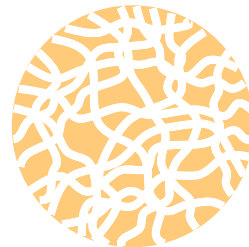
INCI: Dimethicone/Vinyl Dimethicone
Crosspolymer & Silica

**Elastic
& Porous**

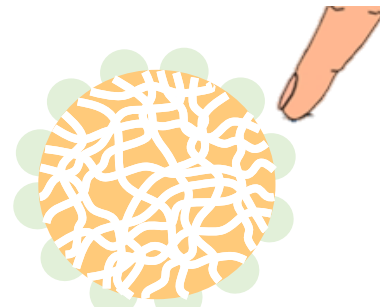
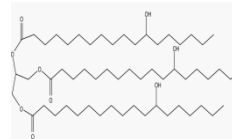
SUNSIL-SILK

INCI: Silica & Trihydroxystearin

Particle Size : 7 μm
Oil Absorption: 0.2 ~ 0.4 cc/g

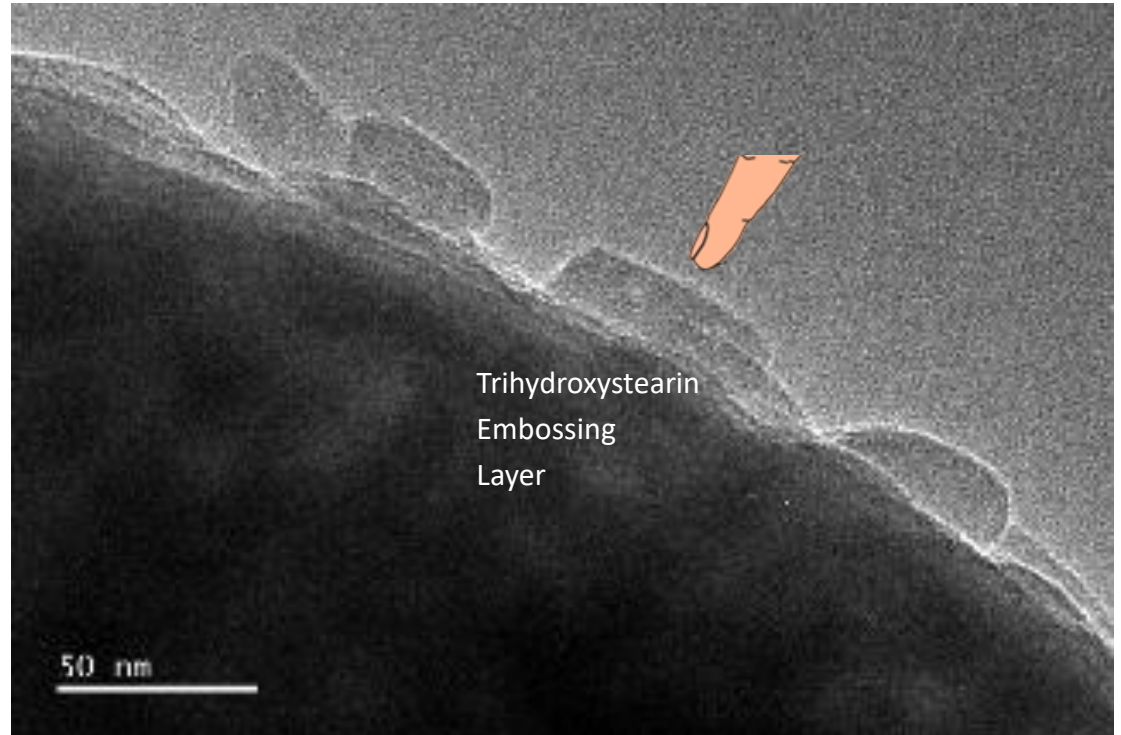
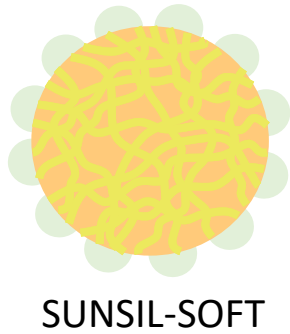


Silica



SUNSIL-SILK

Embossing layer for feeling



SUNIL-SOFT

for **Nylon-12** replacement

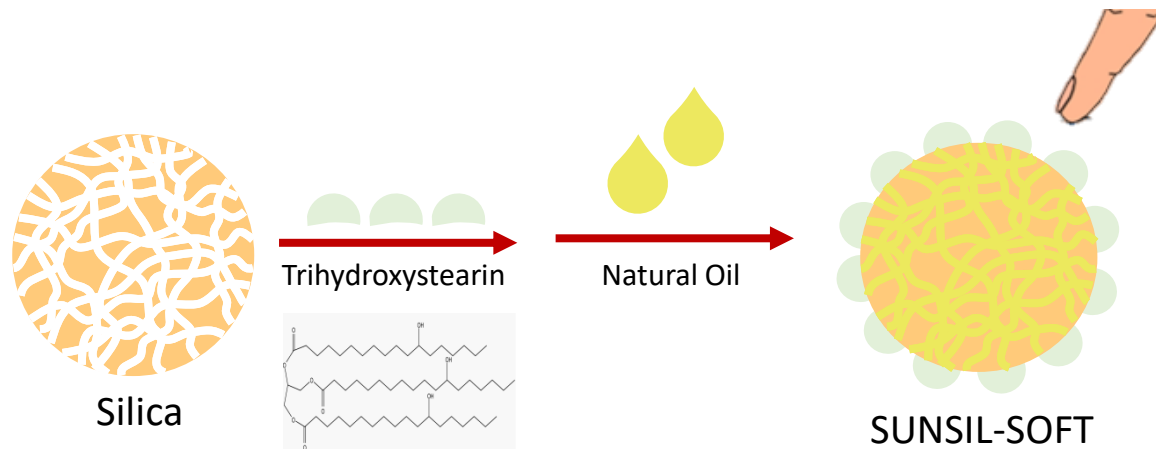
Nylon-12

INCI: Nylon-12

Elastic

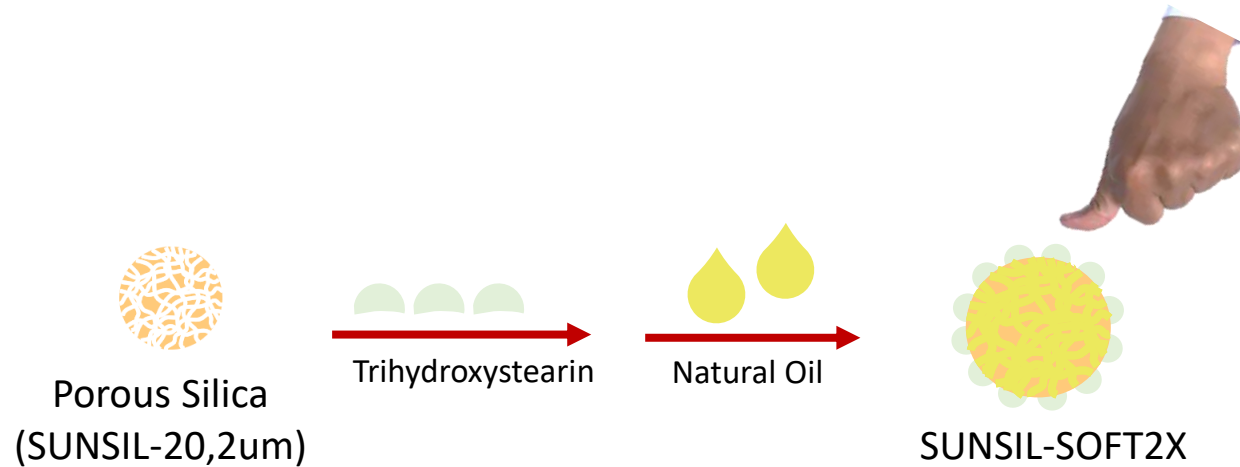
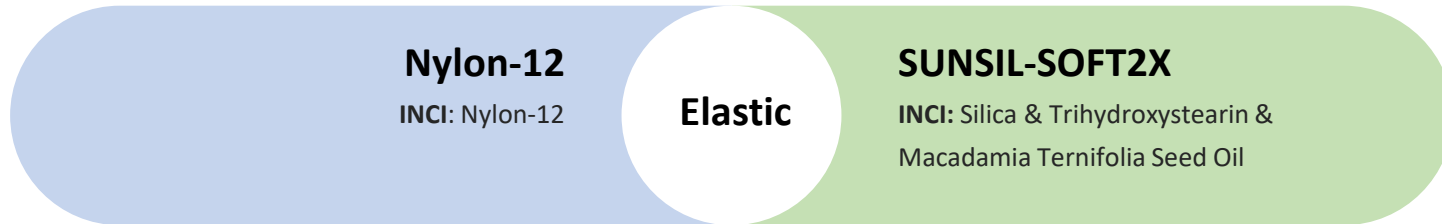
SUNSIL-SOFT

INCI: Silica & Trihydroxystearin & Macadamia Ternifolia Seed Oil



SUNIL-SOFT2X

for **Nylon-12** replacement



Drop Test

