

# MICRO TITANIUM DIOXIDE ENCAPSULATED SILICA

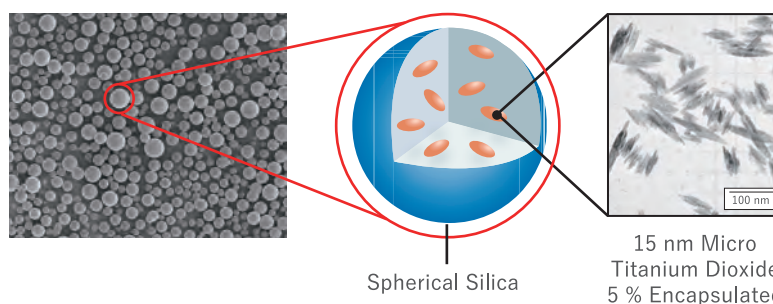
# B∞st-touch Silica

This product is a spherical silica used as an alternative to microplastic beads for enhancing texture. Micro Titanium Dioxide is encapsulated in the spherical silica in a highly dispersed state, not only providing a smooth texture but also enhancing UV protection.

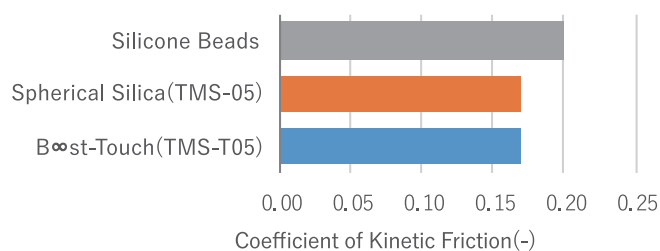
Grade	Average Particle Size	INCI	EU <sup>※1</sup>	China <sup>※2</sup>	US	Natural Origin Index
TMS-T05	5 μm	SILICA TITANIUM DIOXIDE	○	○	-	1.00
TMS-T10	10 μm					
TMS-T05DCB	5 μm	SILICA TITANIUM DIOXIDE BEHENYL ALCOHOL DISTEARYLDIMONIUM CHLORIDE	○	○	-	0.99
TMS-T10DCB	10 μm					

※1: Regulation (EC) No 1223/2009  
※2: IECIC Registration Status

## Features of B∞st-Touch

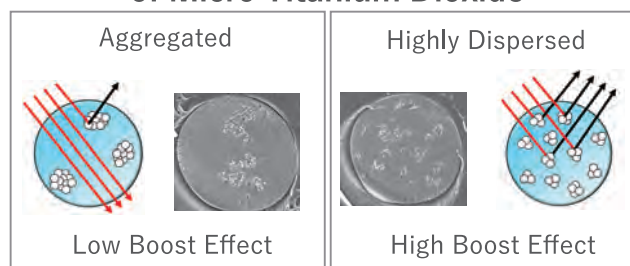


## Coefficient of Kinetic Friction

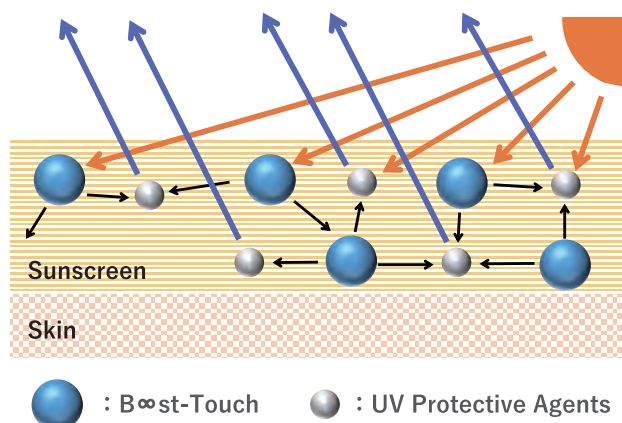


Application Amount : 2 mg/cm<sup>2</sup>  
Base : Artificial Leather  
Measurement : Friction Tester KES-SE

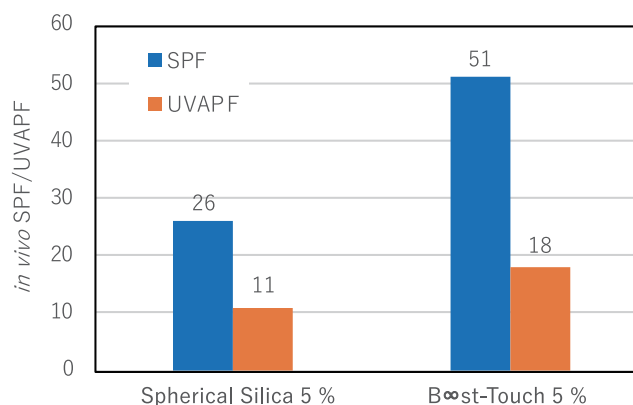
## Superior Dispersion Technology of Micro Titanium Dioxide



## Mechanism



## Boost Effect (SPF/UVAPF *in vivo*)



Formulation : W/O Emulsion  
Texture Enhancer Dosage : 5 %  
Active Ingredients : ZnO 23 % (as solid)