

✓ **SCCS Nano Material Conformity**

## Daitopersion Zn-60VA

COMPOSITION / INCI Name
Zinc Oxide
Triethoxycaprylylsilane
C9-12 Alkane
Dispersant

### Chemical and physical properties

- Appearance: milky white liquid
- Odor: characteristic
- Solid content = 60%
- Average particle size = about 200nm

## Daitopersion Ti-50VA

COMPOSITION / INCI Name
Titanium dioxide
Aluminum Hydroxide
Hydrogen Dimethicone
C9-12 Alkane
Dispersant

### Chemical and physical properties

- Appearance: milky white liquid
- Odor: characteristic
- Solid content = 50%
- Average particle size = 100-200nm

### Use guideline

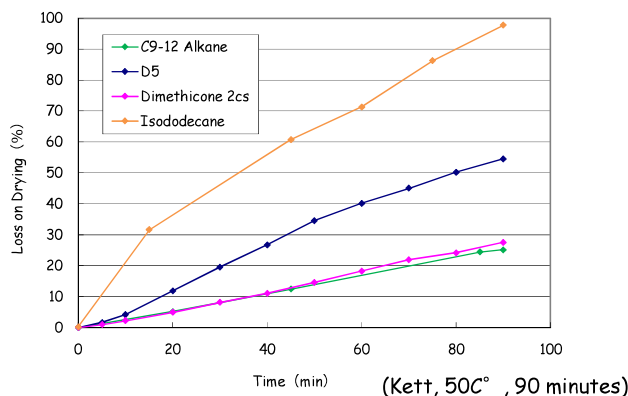
- Dispersion of treated ultrafine zinc oxide/titanium dioxide in C9-12 Alkane
- Easy to use : Stable and low viscosity dispersion
- Dust Free
- Use level: 10-50%

### Cosmetic benefits

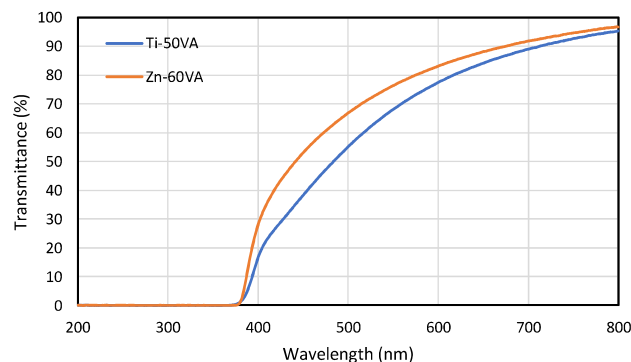
- Better dispersibility & better SPF result with superior transparency
- Excellent water proofness
- Light texture with low viscosity
- Can prepare both W/O and O/W formula
- High solid content

## Properties

### Evaporation speed of C9-12 Alkane



### Excellent Transparency



## Applications

- **Heat:** stable
- **Surfactants:** Excellent compatibility with **MAKIBASE SEB (Natural W/O surfactant)** and **CELLULOGE 30BG (for O/W gel)**
- **Oils:** compatible
- **Waxes:** compatible
- **UV Filters:** compatible
- **Pigments:** compatible
- **Treated pigments:** compatible with all DAITO's treated pigments
- **Beads:** compatible with MAKIBEADS, CELLULOBEADS

### Mineral Sun Screen

DS/J172 Mineral O/W Sun Screen Gel  
SPF 54 PA ++++ (in vitro)

O/W

DS/J174 Mineral Sun Screen Milk  
SPF56 PA ++++ (in vitro)

W/O

### Sun Screen (+UV Absorber)

DS/J171 O/W Sun Screen Gel  
SPF 67 PA++++ (in vitro)

O/W

DS/J175 Powder Sun Screen Milk  
SPF52 PA++++ (in vitro)

W/O



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