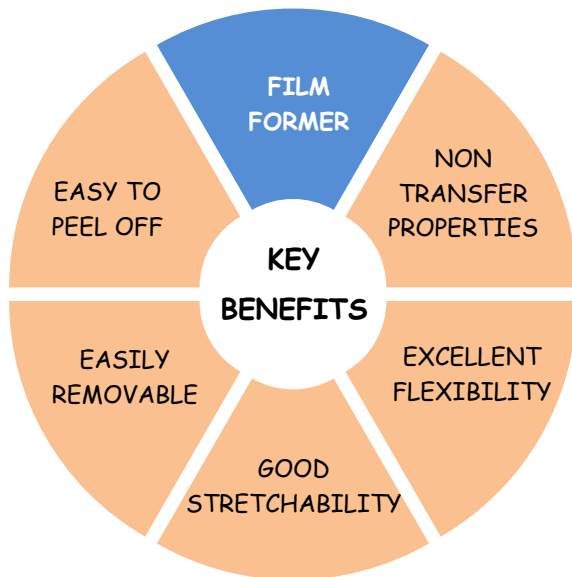


COMPOSITION

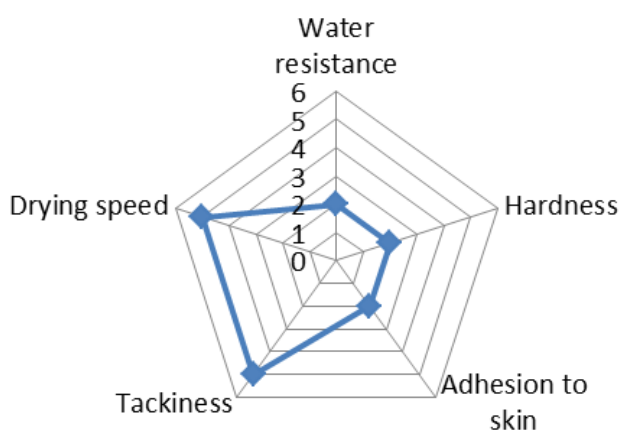
INCI NAME **ACRYLATES COPOLYMER**



Use guideline

- Add at the end of the process at a temperature below 40°C
- Easy to use : low viscosity
- Ready for use: no prior polymer dispersion or neutralization required
- Is the polymer of choice for formulating gentle peel off cleansing mask
- Use level: 0.1-60%

Performance properties



Chemical and physical properties

- Appearance: white liquid
- Odor: characteristic
- Solid content = 50±2%
- Preservative: sodium dehydroacetate
- Tg ~ -14°C
- pH ~ 5,5-7,5
- Viscosity ~ 50-100 mPa.s

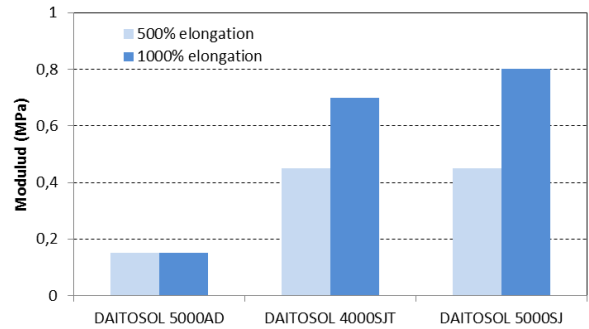
Formulation

- **pH:** stable up to 8,0
pH>8,0 thicker
- **Salts:** compatible
- **Alcohols:** compatible
- **Surfactants:** compatible
- **Oils:** compatible
- **Pigments:** compatible
- **Treated pigments:** compatible with all DAITO's treatments
- **Thickeners:** compatible with synthetic (carbomers or polyacrylates) and natural (xanthan gums or cellulose derivatives)
- **Film formers:** compatible with cellulose derivatives
- **Beads:** compatible with MAKIBEADS, CELLULOBEADS
- **Fibers:** compatible with nylon, rayon and PLA fibers

Cosmetic benefits

- **Mascara:** Forms a transparent, flexible and stretchable film that enhances lashes length
- Provides a high wear comfort thanks to its high flexibility
- Suitable for cleansing application: easily removed by peeling

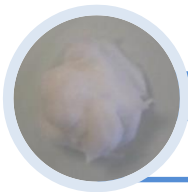
Mechanical properties



DAITOSOL 5000AD is a flexible and elastic film former

In the DAITOSOL series, DAITOSOL 5000AD forms films with the highest flexibility. DAITOSOL 5000AD film exhibits a significantly lower modulus compared to other DAITOSOL films.

Applications



PEELING MASK

DKE 113 Soft peeling mask in mousse



MASCARA

DM-0004-AD Mascara volume-up

Safety and regulatory information

Product safety: A CAMVA-14 days test indicated that acrylates copolymer is non irritating to eyes. A Human patch test did not demonstrate skin irritation for acrylates copolymer.

Material Safety Data Sheets are available for all DAITO KASEI's products.

REACH: All the ingredients, unless exempted, will be registered on May 2018.

For additional information

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