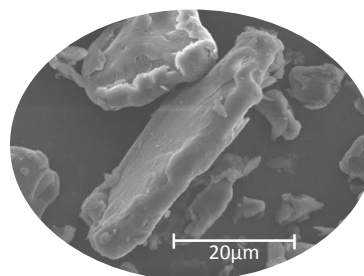
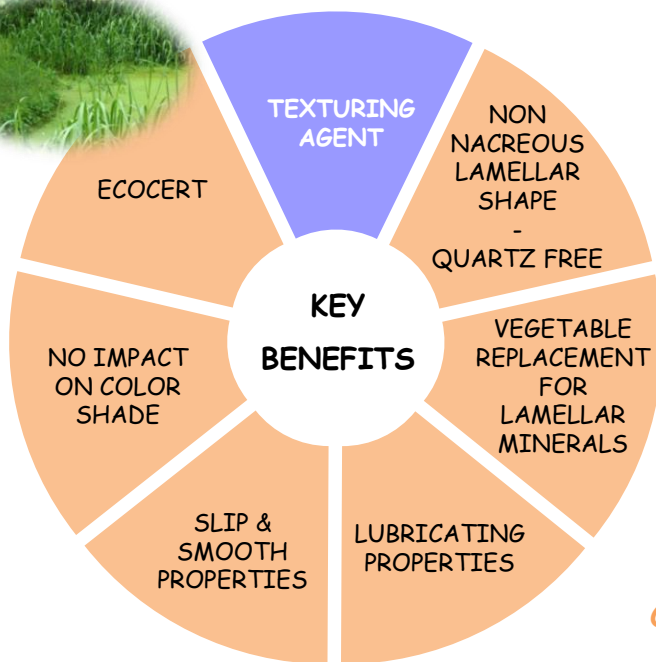


COMPOSITION

INCI Name CELLULOSE



Chemical and physical properties

- White powder
- Characteristic odor
- Vegetable origin : 100% cellulose
- Median size : 15µm

Use guideline

Emulsions: Mix with other powders before adding it to the formulation or add at the end of process

- Use level: 0,1-25% but more specifically 0,1-2%

Gels: add at the end of the process

- Use level: 0,1-10% but more specifically 0,1-1%

Powders: Mix with other powders

- Good compressibility
- Good drop impact resistance
- Low impact on color shade
- Allows talc free formulation, baked powders
- Use level : 0,1-15%

Color shade

TiO2 + untreated red iron oxide	CELLULOFLAKE + ASL- red iron oxide	CELLULOFLAKE + OTS-red iron oxide	CELLULOFLAKE + MST-red iron oxide
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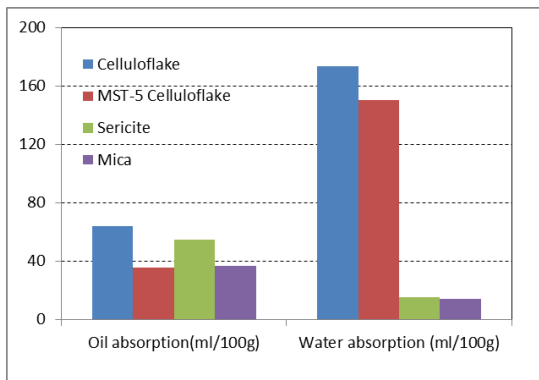
Formulation

Dispersible in water
a hydrophobic treated grade is available:

MST-5 CELLULOFLAKE

Pigments: compatible

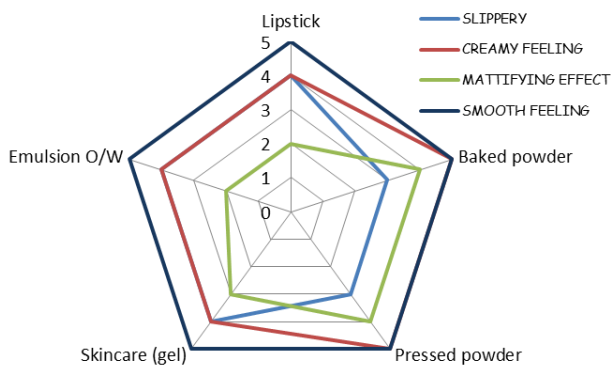
Oil and water absorption



MST-5 CELLULOFLAKE, hydrophobic treated grade, shows water repellency properties but has a similar water absorption capacity than the untreated grade.

Applications

Sensory profiles of different formulations



LIPBALMS

DKE 123 MST-5 CELLULOFLAKE

COMPACTS

DKE 54B MST-5 CELLULOFLAKE

LOOSE POWDERS

DKE 170 MST-5 CELLULOFLAKE

EMULSIONS

DKE 144 CELLULOFLAKE
DKE 153 MST-5 CELLULOFLAKE

Safety and regulatory information

Product safety: CELLULOSE produces non irritation to the skin and is non mutagenic. It is mildly irritating to the eyes.

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

REACH: CELLULOSE is exempted from registration.

CELLULOSE is listed on the major chemical inventories such CTFA, CosIng, AICS, DSL, KCID, IECIC2003 and/or IECIC2014.

For additional information

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