

TECHNICAL DATA SHEET

Effective date: 04.2019
Rev.1

Sericite

INFORMATION ON SUBSTANCE / MIXTURE

INCI	Mica
Origin	Inorganic powder
Chemical formula	AlKO_6Si_2
Chemical name	Aluminum potassium silicate
Description	A naturally occurring mineral occurring as a complex hydrous aluminum silicate also known as mica.
Molecular weight	218.25 g/mol

TECHNICAL DATA

Physical parameters

Appearance	Solid, powder
Color	Off-White
Solubility	Insoluble in water and oil
pH (5% in pure water)	4,5 – 7
Mean particle size	5 – 15 μm
Specific area	8 (± 2) m^2/g

Chemical parameters

Heavy metals	ppm
Lead	0 – 20
Arsenic	0 – 3
Mercury	0 – 1

TRANSPORT, STORAGE and SHELF LIFE

Storage conditions	Store in closed containers, keep dry and avoid humidity.
Shelf Life	5 years, in closed packaging and the recommended conditions.
Custom tariff	-

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LEGISLATION

Certification	-
EINECS	310-127-6
CAS	12001-26-2

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