

Technical Data Sheet

SILCRON® G-601

Typical Physical Properties

Properties and test methods	Units	Value
Average Particle Size 4.12 PQ-WAR	µm	7.0
Pore Volume 49.1 PQ-WAR	ml/g ⁻¹	1.2
pH (5% acq.suspension) 52.1 PQ-WAR		7
Loss at 105°C 5.1 PQ-WAR	%	1
Loss at 1000°C* 6.1 PQ-WAR	%	3
Oil Adsorption (Linseed) 54.1 PQ-WAR	g/100g	190
Surface Treatment		none

*of moisture free product

Registrations

CAS No.	112926-00-8
EINECS No.	2315454
TSCA AICS DSL/NDSL	
REACH	Preregistered
FDA	Silicon Dioxide 21CFR172.480
VwVwS	ID n. 849 not hazardous to water
HMIS	Health Hazard 1, Flammability 0, Reactivity 0

Description

Synthetic amorphous silica

Application

Silica matting agent used in coil and can coatings, radiation cured coatings, and high solids systems. Speciality adsorbent in ink jet media.

Packaging

Silcron G-601 is supplied in 2-ply free film 16kg valve sacks, 18 per pallet.

Storage and Handling

Store in a dry place and handle sensibly to minimise creation of dust and build up of static electricity.

Safety Data

Our silicas are fine, light powders and care should be taken to avoid inhaling them. The materials are neither silicotic nor acutely toxic, but safety requires sensible handling to minimise the creation of dust. Face masks should be worn during handling and exhaust ventilation used if available.

Because these products are highly adsorbent they may have a drying effect on the skin and routine precautions such as the wearing of gloves and overalls are desirable.

For further advice/information consult the Material Safety Data Sheet which is available on request.

Silcron is a trade mark

For further information contact
PQ Corporation, P.O.Box 26, Warrington,
Cheshire, England WA5 1AB
Tel:+44(0)1925 416100 Fax:+44(0)12925 416116

The information is given in good faith.

May 2009 TDSG601-1