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SILICON DIOXIDE

SI0040 Silicon dioxide, highly dispersed

- SiO₂
 - M = 60,08 g/mol
 - CAS [7631-86-9]
 - EINECS-No.: 231-545-4
 - Solub. in water: (20 °C): insoluble
 - Melting point: 1726 °C
 - LD 50 (oral, rat): > 10000 mg/kg
 - Tariff number: 2811 22 00 90
 - Applications: painting, in the coating industry, in the rubber industry, manufacture of adhesives, manufacturing of inks, cosmetics, in food industry.
- assay (on dried sample) min. 99,8 %
 specific surface area (BET) 200 ± 25 m²/g
 HCl content max. 0,025 %
 pH (4 %, H₂O) 3,7 - 4,7
 aluminium (as Al₂O₃) max. 0,05 %
 iron (as Fe₂O₃) max. 0,003 %
 titanium (as TiO₂) max. 0,03 %
 loss on drying (195 °C) max. 1,5 %

ART. NO.	VOLUME	CONTAINER
SI00400250	250 g	

SILICONE LIQUID

SI0020 Silicone liquid, antifoaming

- CAS [63148-62-9]
 - Density: 1,01 g/cm³
 - Tariff number: 3910 00 00 90
 - Applications: in the pharmaceuticals industry, cosmetics.
- suitable for distillation of organic products

ART. NO.	VOLUME	CONTAINER
SI00200100	100 ml	
SI00200500	500 ml	

SI0030 Silicone liquid, low viscosity

- CAS [63148-62-9]
- Density: (25 °C) ~ 0,950 g/cm³
- Solub. in water: (20 °C): almost non-miscible
- Melting point: ~ -60 °C
- Flash pt. 316 °C
- Ignition temp.: > 400 °C
- Vapour pressure: (200 °C) 0,0133 hPa
- Refraction index: (n 25 °C/D) 1,4
- LD 50 (oral, rat): > 2000 mg/kg
- Tariff number: 3910 00 00 90
- Applications: in lubricant compositions, in the rubber industry, in the coating industry.

colour (Hazen) max. 30
 turbidity max. 4 N.T.U.
 viscosity 18 - 22 mm²/s

ART. NO.	VOLUME	CONTAINER
SI00301000	1 l	

SI0025 Silicone liquid, for heating baths, EssentQ®

- CAS [63148-62-9]
- Density: 0,96 g/cm³
- Melting point: ~ -54 °C
- Flash pt. 300 °C
- Vapour pressure: (200 °C) ~ 1,47 hPa
- Refraction index: (n 25 °C/D) 1,402
- Tariff number: 3910 00 00 90
- Applications: for heating baths.
- temperature range: -50 to 190°C
- turbidity max. 4 N.T.U.
- viscosity 95 - 105 mm²/s
- volatile matter max. 0,5 %

ART. NO.	VOLUME	CONTAINER
SI00250500	500 ml	
SI00251000	1 l	
SI0025005P	5 l	
SI0025025P	25 l	

SILICONE PASTE A

SI0033 Silicone paste A, EssentQ®, for lubrication at high temperature

- Solub. in water: (20 °C): insoluble
- Flash pt. > 400 °C
- Tariff number: 3910 00 00 90
- Applications: in lubricant compositions, protective agent (in the electronic industry, moisture), corrosion inhibitor. for greasing at high temperatures.

identity. passes test

ART. NO.	VOLUME	CONTAINER
SI00330100	100 g	

SILICONE PASTE B

SI0034 Silicone paste B, EssentQ®, for lubrication at pressure and vacuum

- Solub. in water: (20 °C): insoluble
- Flash pt. > 400 °C
- LD 50 (oral, rat): > 5000 mg/kg
- Tariff number: 3910 00 00 90
- Applications: in lubricant compositions, for greasing at pressure or vacuum.

identity. passes test

ART. NO.	VOLUME	CONTAINER
SI00340100	100 g	