

Yoke Chemicals and New Materials (Shanghai) Co., Ltd.

and its subsidiaries Shekoy Chemicals Europe and USA

Technical Data Sheet

SilGuard YK-2101

General Description and Use

SilGuard YK-2101 is a non-hydrolyzable organosilicone block copolymer surfactant that may be used in polyurethane (PUR) and polyisocyanurate (PIR) foams. It is also compatible with commercial NCO-terminated prepolymers used by the industry.

SilGuard YK-2101 is compatible with the use of a wide range of blowing agents, even when high level of water and low levels of HCFC are being engaged.

The use of Silguard YK-2101 leads to the formation of regular, fine cell-structured foam of even density exhibiting low thermal conductivity.

Depending on foam density and formulation details, typical SilGuard YK-2101 loading is 2.0 – 3.0 php.

Typical Properties ¹⁾

Physical appearance	Slightly yellow transparent liquid
Viscosity @ 25°C, cPs	500-800
pH	5.3
Water content, wt%	≤ 0.3
Specific gravity @ 25°C	1.055
Solubility in Water	yes

1) Please refer to the Certificate of Analysis for exact properties

Safety Information

Yoke Chemicals and New Materials (Shanghai) Co., Ltd. is committed to the health and safety of its customers and employees.

Avoid breathing vapour and mist. In case of direct contact with eyes or skin, rinse immediately with plenty of water and seek medical advice. In case of ingestion, rinse mouth with water and seek medical advice.

In any case wear suitable protective clothing and do consult the material safety data sheet of this product prior to utilization.

Handling and Shipping Information

Product is available in totes (1250 l / 1000 kg), drums (250 l / 55 US Gallons / 210 kg) and Pails.

Product must be stored in dry, cool area away from direct sun exposure and kept away from humidity and water contamination. Handle in accordance with good professional hygiene and safety procedures. Use in well ventilated areas.

In case of spillage, use a shovel or any other appropriate tool to collect the spill and place it into a chemical waste container. Do prevent spill from entering water supplies or water courses.

Contacts

May you require any further information regarding this product or any other product commercialized by the Jiangsu Yoke Technology Corporation, please do contact one of our following facilities at your best convenience:

China Headquarter

📍 Yoke Chemicals and New Materials (Shanghai) Co., Ltd., Economic Development Zone, Yixing, 214203, China

☎ +86.510.87126528

China Shanghai

📍 Yoke Chemicals and New Materials (Shanghai) Co., Ltd., Room 805, Building 2, Lane 601, East Yungling Road, Putuo district, Shanghai, 2000062 China.

☎ +86.21.62305872

Europe

📍 Shekoy Chemicals Europe, Rue Granbonpre 11, 1348 Louvain-La-Neuve, Belgium

☎ +32.(0)10229950

📍 Shekoy Chemicals Europe, Kromme Spieringweg 431
2141 AH Vijfhuizen., The Netherlands

☎ +31-(0)233035365

United States of America

📍 Shekoy Chemicals US, 2415 Cumberland Parkway, Suite 3661, Atlanta, GA 30339-6157, United States of America.

☎ +1. 404.713.2898