

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

and its subsidiaries Shekoy Chemicals Europe and USA

Technical Data Sheet

SilGuard YK-1301

General Description and Use

SilGuard YK-1301 has been devised to allow the production of low density viscoelastic foam, also referred to as memory foam. Its unique structure allows the production of open cell foam (breathability). Although usable over a wide density range, SilGuard YK-1301 has found great interest in foam with density of 45 kg/m³.

Classically classified as a low potency surfactant, SilGuard YK-1301 results in viscoelastic foam having superior elongation at break properties.

Another important feature of Silguard YK-1301 is that it is compatible with both TDI and MDI technologies.

Finally, its low potency character makes that SilGuard YK-1301 can be also used in the production of high density polyether-based slabstock foam.

Typical Properties ¹⁾

Physical appearance	Slightly yellow transparent liquid
Viscosity @ 25°C, cPs	300-500
pH at 5% water solution	4.8
Water content, wt%	≤ 0.3
Specific gravity	1.03
Flash point, ASTM D93, °C	> 100

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:

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