

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

and its subsidiaries Shekoy Chemicals Europe and USA

Technical Data Sheet

SilGuard YK-1212

General Description and Use

SilGuard silicone YK-1212 is a low emission (VOC's, fogging) surfactant particularly suited for the production of MDI and TM50 High Resilience moulded foam. SilGuard YK-1212 is particularly suited to yield a wide processing window whilst insuring the desired foam stabilization, cell opening balance and characteristic HR type cell structure (i.e. buckling under compression).

The use of SilGuard YK-1212 yields excellent foam skin aspect and surface over a wide range of mould temperature.

Another important feature of Silguard YK-1212 lies in its capacity to accommodate the use of high reactivity and/or high solids content polymer polyols.

Also noticeable are the low force to crush and minimal shrinkage observed when SilGuard YK-1212 is used.

Typical Properties ¹⁾

Physical appearance	Slightly yellow transparent liquid
Viscosity @ 25°C, cPs	40-70
pH at 5% water solution	4.8
Water content, wt%	≤ 0.3
Specific gravity	0.93
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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