

SILMIX 59D2

Silane Blend

Product description: SILMIX 59D2 is a Silane blend, specially developed for the Spherisil P[®]-Process for Pipes.

Clear liquid, composed of vinyltrimethoxysilane (VTMO), volatile and flammable, with characteristic smell.

SILMIX 59D2 corresponds to the regulations of the European Union and the FDA (Food and Drug Administration, USA) for the production of products in contact with food stuffs.

Physical properties: Typical Values:
Density: (DIN 51757): 0,975 +/- 0,005 g/cm³ at 20 °C
Viscosity (DIN 51562): 0,7 mPa.s at 20 °C
Ignition point (ASTM D 1929 Open Cup): 205-210 °C
Boiling point (Silix method): 120-122 °C
Flash point (DIN 51755-AP): 32 °C

Applications: Spherisil P[®]-Process for Pipes

Addition levels: According to the recipe

Combinations: According to the recipe

Packing: SILMIX 59D2 is supplied in drums
55 kg in 60 l drum
200 kg in 220 l drum

Storage: Avoid any contact with water or moist air and keep SILMIX 59D2 in its original sealed package until use. Close the drum tightly after partial use.

Store the drum at temperatures below 40 °C, away from any source of heat and flame, in a well-ventilated location, in accordance with safety regulations.

Shelf life is 6 months at temperatures below 30 °C, for drums with original sealing. Guarantee may be extended to 9 months for enforced SILMIX 59D2 (on request only).

During handling, take care not to burst or punch the drums with a knock or fall.

Safety: **SILMIX 59D2 is a flammable liquid.**
No smoking near SILMIX 59D2.

Personal protection: When used or stored, the rate of VTMO in air must not exceed 10 ppm.

Hydrolysis generates a mixture of methanol, which concentration in the air must not exceed 20 ppm.

In case of accidental contact with skin or eyes, wash exposed parts of the body thoroughly with water. It is recommended to wear gloves and safety glasses during handling operations.

Fire Fight: fire transmitted to SILMIX 59D2 can be fought with powder, CO₂ or foam.