



SILTECH CORPORATION
225 Wicksteed Avenue
Toronto, Ontario, Canada, M4H 1G5
(416)424-4567 (Tel) (416)424-3158 (Fax)

TECHNICAL DATA SHEET

Siltech® E-5050
Silicone-Urethane Resin

DESCRIPTION

Siltech® E-5050 is a 30% active emulsion of a high molecular weight silicone urethane resin. It is used as an additive to improve water repellence, soil resistance, slip, mar resistance and softness to coated materials.

TYPICAL PROPERTIES

Appearance	Milky Liquid
Specific gravity at 25°C	1.00
pH, as is	5.0 – 7.5
Viscosity at 25°C, cps	1,000
Solids content %	32
Active content %	30
Water solubility	Dispersible

APPLICATION & USES

Siltech® E-5050 is used as an additive in water-based coatings to improve water repellency, soil resistance, slip, mar resistance and softness of various coated materials. **Siltech® E-5050** can be used in coatings for leather, fabrics and in paint, inks formulation as well as in other hard surface coatings.

Depending on the applications and the coated substrate, the amount of **Siltech® E-5050** used ranges from 0.5%-5.0% weight percent based on the total formulation.

SHELF LIFE

When stored in the original, unopened containers between 10 and 40°C, **Siltech® E-5050** has a shelf life of 12 months from date of manufacture.

PACKAGING

Siltech® E-5050 is supplied in 20kg pails and 200kg drums.

LEGAL DISCLAIMER

Siltech Corporation believes that the information in this technical data sheet is an accurate description of the typical uses of the product. **Siltech Corporation**, however, disclaims any liability for incidental or consequential damages, which may result from the use of the product that are beyond its control. Therefore, it is the user's responsibility to thoroughly test the product in their particular application to determine its performance, efficacy and safety. Nothing contained herein is to be considered as permission or a recommendation to infringe any patent or any other intellectual property right.

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