



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

TECHNICAL DATA SHEET

**Siltech® E-2178**

Cross-linked Alkyl Siloxane Emulsion

**DESCRIPTION**

**Siltech® E-2178** is a 40% active emulsion of a medium viscosity cross-linking silicone which forms a cured film upon drying. **Siltech E-2178** is emulsified with NPE free nonionic emulsifiers and can be used as is or at diluted concentrations.

**TYPICAL PROPERTIES**

Appearance	Milky Liquid
Composition	Cross-linked silicone fluid
Viscosity, cps	10
Active Content %	40
Water Solubility	Dispersible

**USES AND APPLICATION**

**Siltech E-2178** is especially formulated to cross-link into a durable finish. **Siltech® E-2178** provides excellent durability, shine, water repellence and release properties to many hard surfaces including concrete, roofing, rubber, countertops, etc.

**Siltech E-2178** can also be applied to flexible substrates such as fabrics, textile, or paper to provide softness, water repellence, and sometimes strength.

**Siltech E-2178** has been shown to be very effective as concrete or stucco water-proofing agents. **Siltech E-2178** is preferred where freeze-thaw stability is needed.

**Siltech E-2178** has also been used as a non-wovens hydrophobic treatment.

**Siltech E-2178** is expected to remain stable for short durations when diluted with water down to 5% active.

**SAFETY**

Before handling, read the Material Safety Data Sheet and container label for safe use, physical and health hazard information.

THIS MATERIAL IS NOT FOR MEDICAL OR DRUG USE.

**STORAGE AND SHELF LIFE**

When stored in the original, unopened containers between 10 and 40°C, **Siltech E-2178** has a shelf life of 12 months from date of manufacture.

**PACKAGING**

**Siltech E-2178** is available in 20kg and 200kg containers.

**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.

**SILTECH®** is a registered trademark of Siltech Corporation, Toronto, Ontario, Canada.