

UtenSil[®] Cure Retarder R1
Cure Moderator Solution for Reprographic
Grade Silicones

Description

UtenSil[®] Cure Retarder R1 moderates the cure rate of vinyl-addition (platinum) cure silicones.

Solution Properties

Form	clear, colorless
Flashpoint	112°C
Specific Gravity	0.98
Viscosity	300-500 cSt

Shelf life

12 months when stored below 25°C in sealed containers. Keep container sealed after dispensing product.

Application Methods

UtenSil[®] Cure Retarder R1 is mixed with Part A of a 2-Part silicone RTV encapsulant formulation prior to thoroughly mixing with Part B. Increased concentrations of UtenSil[®] Cure Retarder R1 solution in Part A will increase the pot-life of the formulation at room temperature and slow the rate of the vinyl-addition (platinum) cure at elevated temperatures. In an exemplary procedure, mixing 1wt% UtenSil[®] Cure Retarder R1 solution with Part A of PP2-OE41 will increase the pot-life of the catalyzed mixture from 18 hours to 48 hours at room temperature. Performance of UtenSil[®] Cure Retarder R1 may differ between RTV formulations depending on platinum concentration.

Standard Packaging

PP1-USR1 UtenSil[®] Cure Retarder R1

100 g

1 kg