

Technical Data Sheet

Silicone Additive

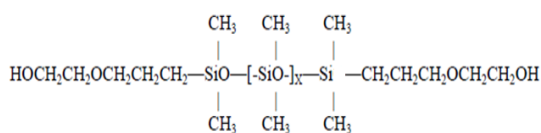
SM2350E, SM2330E, SM2340E

FEATURES & BENEFITS

- Reactive with isocyanate to give silicone/PU copolymer
- Strictly difunctional, and hence virtually no increase of crosslink density
- Virtually 100% silicone actives
- Good lubricity
- Softening and flexibility
- Good water vapor permeability

COMPOSITION

- Silicone polymer



1. Product Description

Silicone carbinol fluid contains terminal hydroxyalkyl(—(CH₂OH)) groups. SM2350E, SM2330E and SM2340E have a various viscosity and the carbinol group is terminated through a non-hydrolyzable Si—C bond to the silicone polymer. These fluid may be considered for reactions with various polyurethane and polyester polymers to create a hybrid polymer.

2. Key Performance Properties

Functionalized with reactive organic groups capable of forming non-hydrolyzable covalent bonds with a variety of resin systems such as polyurethanes and polyesters.

3. Applications

As urethane modifier to improve softness, flexibility, lubricity, compatibility, water repellency of synthetic leather.

4. Typical Property Data

Typical properties	SM2350E	SM2330E	SM2340E
Appearance	Clear to slightly haze Yellowish	Clear to slightly haze yellowish	Clear to slightly haze yellowish
Viscosity (cSt at 25°C)	65	48	40
Specific gravity	0.98	0.98	0.98
Refractive index	1.410	1.412	1.422
Hydroxy contents (mgKOH/g)	42	58	125



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5. Handling Precautions

Safety and handling information is contained in the SM2350E, SM2330E, SM2340E Material Safety Data Sheet, available upon request from KCC.

6. Safety and Storage

Use it within 24 months from the day of manufacture.

Store in a cool dry place out of direct sunlight.

Keep out of the reach of the children.

7. Packaging

SM2350E, SM2330E, SM2340E 18 Kg/pail, 200 Kg/Drum

8. Warranty Information – *Please read carefully*

The information contained herein is offered in good faith and is believed to be accurate. However, because conditions and methods of use of our products are beyond our control, this information should not be used in substitution for customer's tests to ensure that KCC's products are safe, effective, and fully satisfactory for the intended end use.

KCC's sole warranty is that the product will meet the KCC sales specifications in effect at the time of shipment. Your exclusive remedy for breach of such warranty is limited to replacement of any product shown to be other than as warranted.

KCC specifically disclaims any other express or implied warranty of fitness for a particular purpose or merchantability. Unless KCC provides you with a specific, duly signed endorsement of fitness for use, KCC disclaims liability for any incidental or consequential damages.

Suggestions of use shall not be taken as inducements to infringe any patent.

9. Limitations

This product is neither tested nor represented as suitable for medical or pharmaceutical uses.

10. The date of publication

Date : 2019.06.03