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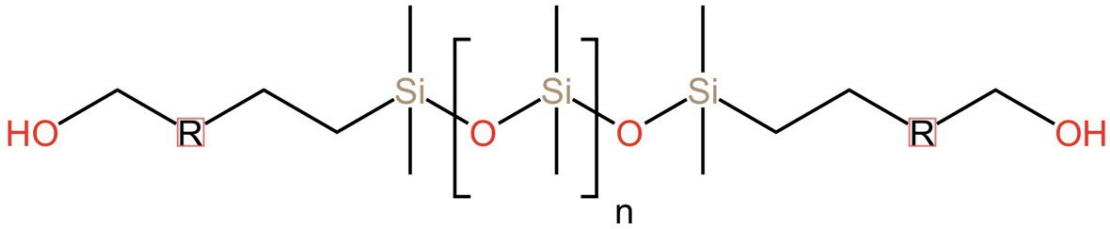
ASTRA REACT 202

Reactive silicone

Description

ASTRA REACT 202 is a hydroxyalkyl terminated organosilicone compound that has highly reactive terminal -CH2OH functional groups. The reactivity of this group is higher than reactivity of -Si-OH group. ASTRA REACT 202 could react with isocyanates, and could introduce properties of polysiloxanes to the polyurethane materials: improve flexibility, improve water and weather resistance, improve the smoothness and so on. ASTRA REACT 202 could create permanent low surface tension layer on the surface of the coating.



Physical and Chemical properties

Ingredient: Hydroxyalkyl terminated polysiloxane (Mn ≈ 2000)
Appearance: Colorless transparent liquid
Active part: 100%
hydroxyl number: 50-60

Application System and Dosage

ASTRA REACT 202 is suitable for any crosslinking system that reacts via -OH groups, such as polyurethanes, amino systems and others.

The recommended dosage of the additive is 0.2-1% for persistent slip, 2-6% for dirt resistance. It could be introduced at any stage during the manufacture.

Package

25kg metal pail.

ASTRA CHEMICAL COMPANY