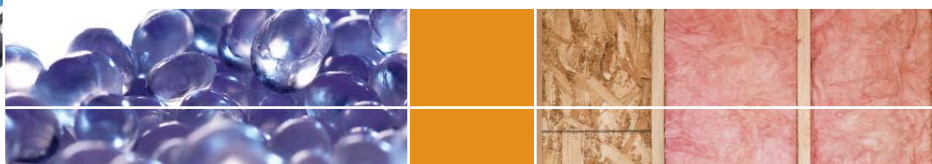


SILCAT* R Silane

SILANES - TRADITIONAL



Performance properties of silane-crosslinked polyethylene can meet or exceed those of peroxide-crosslinked polyethylene, while offering advantages in broader processing latitude and lower fabrication costs. Silcat R crosslinking vinylsilane incorporates grafting and crosslinking catalysts in a ratio suitable for crosslinking polyethylene in commercially available extrusion equipment. Silcat R crosslinking silane modifies polyethylene resins chemically during melt processing (i.e., extrusion) and effects polymer crosslinking upon exposure of the fabricated polyethylene to moisture.

Key Features and Typical Benefits

- higher maximum use temperature
- reduced deformation under load (creep)
- improved chemical resistance
- superior environmental stress crack resistance
- increased abrasion resistance
- memory characteristics (for shrink film and tubing)
- improved impact strength

Typical Physical Properties

Physical Form	Clear liquid
Flash Point, Tag Closed Cup, ASTM D56-79, °F (°C)	68 (20)
Specific Gravity at 25/25°C	0.9762
Viscosity at 25°C, cSt	0.7
Color	Light straw

Emergency Service

Momentive Performance Materials maintains an around-the-clock emergency service for its products. The American Chemistry Council (CHEMTREC) and CareChem24 International also maintain an around-the-clock emergency service for all chemical products:

<u>Location</u>	<u>Momentive Performance Materials Products</u>	<u>All Chemical Products</u>
Mainland U.S., Puerto Rico	518.233.2500	CHEMTREC: 800.424.9300
Alaska, Hawaii	518.233.2500	CHEMTREC: 800.424.9300
Canada	518.233.2500	CHEMTREC: 800.424.9300
Europe	+518.233.2500 (Albanian, Czech, Danish, Dutch, English, Finnish, French, German, Greek, Hungarian, Italian, Lithuanian, Norwegian, Polish, Portuguese, Romanian, Russian, Serbo-Croatian, Slovak, Spanish, Swedish, Turkish, Ukrainian)	+44.(0)208.762.8322 (UK)
Middle East, All countries, except Israel	+518.233.2500	+961.3.487.287 (Lebanon)
Middle East, Israel	+518.233.2500	+44.(0)208.762.8322 (UK)
Latin America, Asia/Pacific, all other locations worldwide	+518.233.2500	CHEMTREC: +1-703.527.3887 (collect)
At sea	Radio U.S. Coast Guard, which can directly contact Momentive Performance Materials at 518.233.2500 or CHEMTREC at 800.424.9300.	

DO NOT WAIT. Phone if in doubt. You will be referred to a specialist for advice.

CUSTOMER SERVICE CENTERS

North America	E cs-na.silicones@momentive.com		
	• Specialty Fluids	T +1.800.523.5862	F +1.304.746.1654
	• UA, Silanes and Specialty Coatings	T +1.800.334.4674	F +1.304.746.1623
	• RTVs and Elastomers	T +1.800.332.3390	F +1.304.746.1623
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Visit us at Momentive.com



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