

SiVance®

Specialty Silicones

MHD3.5MH

Technical Data

Description

SiVance MHD3.5MH is a hydride terminated silicone fluid.

Recommended Use

MHD3.5MH is primarily used as a chain extender in addition cure silicone elastomers. The product is used in conjunction with crosslinking hydrides to increase elongation and tear strength and lower durometer.

MHD3.5MH can also be used as a reactive intermediate to make ABA organo-modified silicones via hydrosilations. Functional groups normally attached in this way include allyl terminated polyethylene or polypropylene glycols, amines, and epoxies.

Typical Properties

Product Code	3000064128
CAS Number	70900-21-9
Molecular Weight	~390
SiH, mmol/g	4.8 - 5.4
Viscosity, cSt	1.6 - 2.1
Flash Point, TCC	10°C
Specific Gravity, 20°C	0.9
Appearance	Clear, Colorless Oil

Values shown are not intended for specification preparation

Handling and Storage Precautions

If stored for longer than one year, the material should be reevaluated prior to use. Store the container in a cool, dry area. Keep the container tightly closed when not in use.

Additional safety, environmental and regulatory issues are addressed in the Safety Data Sheet.

Please contact your SiVance Representative for additional information.

PLEASE NOTE: As each customer's use of our product may be different, information we provide, including without limitation, recommendations, test results, samples, care/labeling/processing instructions or marketing advice, is provided in good faith but without warranty and without accepting any responsibility/liability. Each customer must test and be responsible for its own specific use, further processing, labeling, marketing, etc. All sales are exclusively subject to our standard terms of sale posted at www.milliken.com/terms (all additional/different terms are rejected) unless explicitly agreed otherwise in a signed writing.

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