

# VIBRACURE<sup>®</sup> A 500

## Abrasion Improvement Additive

### Description

**Vibracure<sup>®</sup> A 500** is a linear, non-reactive polydimethylsiloxane with a viscosity of approx. 10,000 mm<sup>2</sup>/s. Due to its chemical structure, **Vibracure<sup>®</sup> A 500** has an outstanding property profile, which sets it apart from organic materials such as mineral oils.

### Benefits of VIBRACURE<sup>®</sup> A 500:

- Good solubility in a wide range of solvents
- Chemically highly unreactive
- Minimal change in physical properties over a broad temperature range

### Good solubility in a wide range of solvents

**Vibracure<sup>®</sup> A 500** is a non-polar liquid and is immiscible with polar solvents such as water or short-chain alcohols. In aliphatic and aromatic hydrocarbons, chlorohydrocarbons, ethers, esters, ketones and higher alcohols, **Vibracure<sup>®</sup> A 500** is soluble in any proportion.

Before the product is used with solvents for the first time, it is advisable to perform a lab-scale test.

When solvents are used, please remember to read the appropriate hazard information.

### Storage

Maximum temperature allowed during storage and transportation is 50°C.

### Industrial Hygiene

For detailed industrial hygiene information for VIBRACURE<sup>®</sup> curatives included in this document, please refer to the relevant Safety Data Sheet (SDS).

## Product Data

Properties	Test Standard	Unit	Value
Appearance			Colorless, Clear
Viscosity, kinematic	DIN 53019	mm <sup>2</sup> /s	~10,000
Density at 25 °C	DIN 51757	g/cm <sup>3</sup>	~0.97
Refractive index at 25 °C			1.404
Flash point	ISO 2592	°C	>320
Ignition temperature (liquids)	DIN 51794	°C	~450

Physical Property Testing: The stated data has been generated in a laboratory environment and is considered typical.





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Unless specified to the contrary, the values given have been established on standardized test specimens at room temperature. The figures should be regarded as guide values only and not as binding minimum values. Kindly note that the results refer exclusively to the specimens tested. Under certain conditions, the test results established can be affected to a considerable extent by the processing conditions and manufacturing process.

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