



Baysilone^{*} Emulsion TP 3952

Product description Baysilone Emulsion TP 3952 is a non-ionic emulsion formulated with a polydimethylsiloxane of medium viscosity.

Baysilone Emulsion TP 3952 has proven to be particularly effective as an additive in web offset printing. For this purpose, the emulsion can first be diluted with water to the desired concentration and then processed.

Baysilone Emulsion TP 3952 also provides excellent release of plastics, rubber and other materials. It may also be used in a variety of automotive polishes, including solvent free polishes and vinyl dressing.

Key performance properties

- Suitable for coated and calendared paper.
- Increases the corrosion resistance of the rollers.
- Good sliding effect of the paper.
- High gloss.
- Ease of dilution.
- Dirt-repellent.

Typical product data

Test	Unit	Property
Physical Form	-	Liquid
Appearance	-	Milky white
Silicone Content	%	60
Gravity 20 °C	g/cm ³	~ 1
Surfactant	-	Non-ionic (Nonylphenol free)

Table 1: Typical product data values should not be used as specifications. Assistance and specifications are available by contacting Momentive performance materials

Application

Baysilone Emulsion TP 3952 maybe used by itself or in dilution, with low shear rate mixing in the water phase. Due to the multitude of applications general dosage recommendations are difficult to provide, since a large number of working parameters and delivery forms introduce too many variables. Therefore, dosage is best determined by carrying out a series of tests under realistic conditions, applying a series of different active levels. The use of 0.5 – 11-weight-% silicone in dilutions shows satisfying performance in most applications.

The addition of further surfactants, antistatic agents, solvents or salts might destabilize the emulsion. Therefore, thorough storage stability test of the final formulation need to be carried out.



**Handling
and Safety**

The product safety information is not included in this datasheet. When handling chemicals, proper safety precautions must be observed and suitable personal protection equipment is required. Before handling this product, consult the technical and safety data sheets and container labels for safe use. Safety Data Sheets are available via our web page or upon request at Momentive performance materials.

Similar information for solvents and other chemicals recommended in this data sheet should be obtained from the respective suppliers.

Packaging

Baysilone Emulsion TP 3952 is available in 18kg pails, 200kg drums, 950kg totes and 20 to tank wagon.

Availability

Products may be ordered from Momentive performance materials, the Momentive performance materials Sales office nearest you or where appropriate, an authorized Momentive performance materials Silicone product distributor. Contact information is supplied on the last Page of this datasheet.



PRINCIPAL LOCATIONS – Regional Information

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