



SILICONE POLYAMIDE RESIN

SA-121

SA-121 is a reactive polyamide functional silicone curing agent used as a crosslinker to improve the physical properties and long-term performance of Epoxy Siloxane paints and coatings.

APPLICATIONS

SA-121 has been developed primarily for use with liquid Epoxy Siloxane resin; it out-performs other epoxy based systems by offering the capability to formulate without solvent, at zero VOC and with a visible end of pot-life.

PERFORMANCE ADVANTAGES

- Fast film-drying and cure with liquid Epoxy Siloxane resin
- Excellent anti-corrosive resistance
- Excellent adhesion, toughness
- Excellent water resistance
- Good chemical resistance
- Low temperature cure
- Reduces the water absorption
- Improves initial gloss

FEATURES

- Solventless, liquid reactive polyamide functional silicone curing agent
- Primary amine functional
- Excellent compatibility with Epoxy Siloxane resin

TYPICAL PROPERTIES

Typical general characteristics	Inspection Method	Value
Boiling point / Boiling range at 1013 hPa		217 °C
Flash point	ISO 2719	>93 °C
Density at 25 °C	DIN 51757	0,96 g/cm ³
Viscosity, dynamic at 25 °C	DIN 51562	approx. 25-35 mPa.s
Refractive index (25°C)		1,420
Purity		97 %
A.H.E.W. (g/eg)		121

These figures are only intended as a guide and should not be used in preparing specifications.



Storage

The best use before end date of each batch is shown on the product label. Storage beyond the date specified on the label does not necessarily mean that the product is no longer usable. In this case however, the properties required for the intended use must be checked for quality assurance reasons.

Packaging

400 lbs. steel drum

Registration status

SA-121 ingredients are listed in the following chemical inventories: ECL, EINECS, ENCS, NDSL, PICCS, TSCA.

All ingredients are listed on the TSCA inventory or comply with the TSCA Polymer Exemption criteria according 40 CFR 723.

Safety notes

Comprehensive instructions are given in the corresponding Safety Data Sheets. They are available on request from Biro Technologies Inc.

As with any product, use of SA-121 in a given application must be tested (including but not limited to field testing) in advance by the user to determine suitability.

The data presented in this leaflet are in accordance with the present state of our knowledge, but do not absolve the user from carefully checking all supplies immediately on receipt. We reserve the right to alter product constants within the scope of technical progress or new developments. The recommendations made in this leaflet should be checked by preliminary trials because of conditions during processing over which we have no control, especially where other companies' raw materials are also being used. The recommendations do not absolve the user from the obligation of investigating the possibility of infringement of third parties' rights and, if necessary, clarifying the position. Recommendations for use do not constitute a warranty, either express or implied, of the fitness or suitability of the products for a particular purpose.