

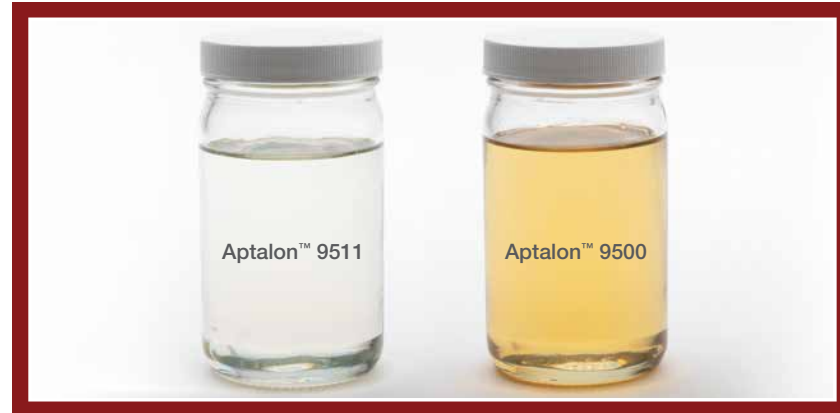
Aptalon™



APTALON™
POLYAMIDE TECHNOLOGY
HANDLING GUIDE

APTALON™ POLYAMIDE TECHNOLOGY HANDLING GUIDE

Aptalon™ functional polyamide resin technology represents a new platform used to formulate polyurethanes and modify thermoset resins like phenolics or epoxy system coatings and adhesives. Aptalon polyamide resins are 100% solids and are packaged in 50 gallon open top steel drums that **must be heated to 90-100 °C** to pump, pour or vacuum into processing equipment.



The colors of these samples represent typical colors, but some variation is normal and expected.

The drums are typically placed in a hot room or hot box at **90-120 °C** and allowed to warm for **24 to 48 hours** until the liquid is pumpable. Viscosities at 90 °C can range from 4000-15000 cps depending on the particular grade of Aptalon product.

Because drums are hot, **thermally protective gloves and PPE must be used** when handling. The amide can be pumped with a gear pump from a dip tube, vacuumed through the dip tube, or if the process allows, the viscous liquid can be poured into processing equipment.



STORAGE CONDITIONS



Temperature

Aptalon polyamides are very stable materials that have a **shelf life of 4 years** when in the original unopened package. They will not freeze or settle or separate. They are essentially frozen liquids at room temperature. They can be stored in any warehouse condition. Lubrizol recommends keeping the drums closed and at ambient conditions when not in use.



Boil Out

Cleaning of pipes and tanks is done with a boil out of 2.4% (wt) Caflon™ NE0600 solution in water. **Two hours at 90 °C** should be sufficient*. If greater clean-up is needed, acetone or caustic could be used, in which case follow all necessary safety precautions.



Switching Products

Before switching products, Lubrizol recommends a **100% Acetone boil out at 70 °C** to clean the overhead system and charge bottles/tanks.



Disposal

Waste polyol should be collected and disposed of according to local guidelines.

*Caflon™ NE0600 is a registered trademark of Univar Solutions UK Ltd.



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