

TECHNICAL DATA SHEET

CN9101

Aliphatic Allyl Oligomer

DESCRIPTION

CN9101 is a 100% reactive, allylic functional aliphatic oligomer. CN9101 can be used in low temperature or photocured free radical polymerizations as a latent initiator or crosslinker to overcome surface tack due to air inhibition. CN9101 can be used as a crosslinker-initiator in 2-component peroxide cure coatings at ambient or elevated temperature. Tack-free dry times in 3 - 12 hours at ambient or 10-40 minutes at 65 to 120 °C are attainable. Coatings with good hardness development and good chemical resistance are produced.



LIQUID PROPERTIES

Appearance	Clear liquid
Color (Gd)	1
Density at 25°C (g/mL)	1.0359
Refractive Index at 25°C	1.4866

PRODUCT PERFORMANCE

Stain Resistance
Hardness
Scratch Resistance
Abrasion Resistance
Chemical Resistance
Flexibility
Wood Adhesion
ABS/PC Adhesion
Metal Adhesion
PVC/PS Adhesion
Pigment Wetting
Weatherability
Moisture Resistance
Corrosion Resistance
PE/PET/PP/PMMA Adhesion
Shrinkage

SUGGESTED APPLICATIONS

Adhesives & sealants
Composites
Metal coatings
Wood coatings

SHELF LIFE

Store in the original, closed container in a dry, cool (<45°C) and well-ventilated place. Keep away from frost and heat (open flames, hot surfaces and sources of ignition) sources. Typical shelf-life is 6 months from delivery date for unopened containers. In cases where product sampling is required to carry out incoming quality tests, shelf-life should be maintained beyond opening, provided that it is tightly closed immediately after and that contamination with foreign bodies is avoided. Inhibitors have been added to enhance storage stability. They require the presence of air in the container in order to improve their efficiency. Keep stabilizer levels constant to avoid explosive polymerization. An air space is required above the liquid in all containers

STORAGE

See SDS for Storage Considerations

HEALTH AND SAFETY

See SDS for Health & Safety Considerations

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