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## SK-100

### Technical Data Sheet

SK-100 is a low molecular weight, non-polar, pale yellow thermoplastic resin, produced from petroleum-derived monomers. This resin can be used as a contact adhesive and plasticizer or extender in plastic. It can be soluble or dispersible in aliphatic and aromatic hydrocarbons, esters and chlorinated solvents. Insoluble in ketones, glycol and water. As SK-100 is at a low softening point, it gives a good effect on compatible with natural and synthetic rubbers; paraffin waxes; EVA copolymers and SIS and SBS block copolymers.

#### TYPICAL PROPERTIES

CHEMICAL PROPERTIES	UNIT	VALUE
Softening Point (R&B)	°C	100 +/- 5
Bromine Number, BR	g/100g	25 max.
Color, Gardner	2 g of resin in 25 ml Toulene	10 max.
Specific Gravity, @ 25°C	-	1.05~1.10
Acid Value, KOH	Mg/g	.1 max.
Ash Content	%	.05 max

#### SUGGESTED USES

Contact Adhesive

Key Applications: In the production of adhesives for edge veneer and for fixing wood or similar materials to chipboard in the furniture industry.

Plasticizer in Plastic

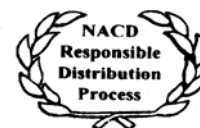
Key Applications: SK-100 plays the role of extender in plastic for plastic floor tile or plastic carpet and other plastic applications.

#### PACKAGING INFORMATION

SK-100 is packed in reinforced paper of P.P. bags of 25 kg net. It can be supplied on shrink-wrapped pallets of 40 bags (100 kg) per pallet. In addition, bulk bags of 500 kg or 600 kg are also available upon request.

#### STORAGE

Inside storage is strongly recommended. Storage at temperatures above 30 degrees centigrade should be avoided. Although SK-100 has excellent characters, we can not promise resins are inclined to gradual oxidation, some more than others, under your storage environment. This could result in darkening and/or it could have an adverse effect on the solubility of the resin in organic solvents or on its compatibility with polymers. Accordingly, it is recommended that strict control of inventory must be observed at all times. Please note that the oldest material is suggested to be used first. However, as we can neither anticipate the conditions under which the resin is processed nor the end use applications for which it is used, we recommended that the material be tested upon receipt.



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