

**TECHNICAL DATA SHEET**

## **TULSICRYL ACR**

**TULSICRYL ACR** is based on ACRYLIC TERPOLYMER EMULSION based on Synthetic Acrylic Resin. It has very high peel & excellent tack value, which forms instant bonds with non-migrating properties. Due to this, the long-term durability is better. Excellent for continuous machine application. **TULSICRYL ACR** is a ready-to-use eco-friendly high peel Adhesives for Label / Stock rolls / PSA Sticker manufacturing.

**PRODUCT SPECIFICATIONS:**

Chemical Composition	: <b>TERPOLYMER EMULSION BASED ON SYNTHETIC ACRYLIC RESIN</b>
Solid content, weight %	: 55 + 1
Viscosity at 30°C BY BROOKFIELD RVT SPL. 4, RPM 20	: 40 to 60 Poise, SP#4, 20 RPM @ 30°C
pH	: 4 to 6

**OTHER PROPERTIES:**

Minimum film forming temperature(°C)	: -
Loop Tack	: Min 700 gms/inch <sup>2</sup>
Plasticizer content	: free from plasticizer
Density	: 1.02 ± 0.02
Mechanical stability	: Good

**FILM PROPERTIES:**

Appearance	: Off White
Surface	: Tacky
Flexibility	: Good
Aging resistance	: Good
Peel (gm/inch)	: Max 900 gms /inch At 30° C
Loop Tack	: 500 - 750
GSM	: 18 - 24

**DILUENT:** TULSICRYL ACR generally does need to be diluted as it is ready to coat viscosity product but if required, it can be diluted with water for adjusting its viscosity. It is freely miscible with water.

**APPLICATIONS:** Ready-to-use PSA Adhesive can be coated on any standard roller coating machine. It can also be used by manual application like coating through silkscreen or by brush. TULSICRYL ACR is specially formulated for PSA Labels/Stickers or Pre-gummed sheets / Stock-label manufacturing on high-speed continuous coating machines.

**SAFETY:** General safety precautions such as goggles, gloves, and face shields should be used while handling. MSDS is provided for detailed information.

**INDUSTRIAL HYGIENE:** TULSICRYL ACR is not harmful for the purpose for which it is intended and processed. It may irritate skin and mucous membranes during prolonged contact.

**LABELING:** TULSICRYL ACR is non-hazardous and doesn't contain substances that have implications for labeling under regulations.

**STORAGE:** TULSICRYL ACR has a shelf life of 6 months from the date of manufacture, provided it is stored under shade, away from direct heat and sunlight and well protected from freezing.

**PACKING:** Flexi tanks, 240/250 kg HDPE Drums.

**Disclaimer:** Note: 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 company's raw materials are also being used. The recommendations do not absolve the user from the obligation of investigation of the possibility of infringement of third parties rights and, if necessary, clarifying the positions.

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