

TULSICRYL MULTI 104

TULSICRYL MULTI 1004 is a **multipurpose emulsion intended for high-performance industrial coatings**. It is an **acrylic copolymer dispersion-based** product with embedded surfactants to enhance functionalities such as gloss enhancement, adhesion promotion, and stability. The product is environmentally friendly and free of plasticizers.

ADVANTAGES:

- Best recommended for the development of high-gloss interior and exterior coatings.
- Versatile binder with good compatibility with a wide range of additives and fillers.
- Superior multi-substrate adhesion and good photostability over alkyd systems.
- Uniform particle-size distribution of particles leads to improved stability and reduces the requirement for dispersing agents.

APPLICATIONS:

It can be used as a primary binder in the development of different coatings, such as high-gloss paints, direct-to-metal applications, and water-borne wood coatings.

PROPERTIES:

Property	Value/Characteristic	Unit
Physical Appearance	Milky-White Liquid	-
Viscosity (at 25 °C)	6,000 ± 3,000	cPs
Solids Content	48.00 ± 2.00	% (wt./wt.)
pH (at 25 °C)	05.00 ± 01.00	-
MFFT	ca. 29	°C

DOSAGE:

The dosage of this product varies from application to application. It is recommended to add coalescing aid just after the binder during the paint formulation with its recommended dosage of 5% of the binder solids.

PACKAGING:

The product is available in 240 kg HDPE barrels.

HANDLING & STORAGE:

- Store the material in a tightly-sealed original container in a well-ventilated area at ambient conditions.
- Shelf life of the product: 1 year from the date of manufacturing.

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.