

RT7450 Smoothing Agent

Product Description

RT7450 Smoothing and Flowing Additive is widely applicable in water-based leveling agents, radiation-cured leveling agents, and solvent-based leveling agent formulations. It is used in wood and furniture coatings, as well as in water-based and solvent-based industrial coatings and automotive paints.

Product appearance: transparent liquid

Chemical composition: 100% polyether-siloxane copolymer

Typical Properties

- Can be widely used in aqueous, radiation-cured, and solvent-based formulations
- Significant improvement in slipperiness and transparency in varnish
- Anti-porosity, flowability, and anti-adhesion/peeling effect
- High efficacy and high compatibility (reduces the risk of fogging to a low level)
- Excellent recoating properties with improved scratch resistance
- Minimal impact on interlayer adhesion. The leveling agent RT7450 ensures a smooth texture for leather topcoats.

Application example:

- Wood and furniture coatings

Recommended amount

The total formula is supplied in the form of 0.05-0.5

- automobile finish

Recommended amount

The total formula is supplied in the form of 0.03-0.2

- Water-based solvent industrial coatings

Recommended amount

Supplied as a total formula: 0.05-0.3

Epoxy System of Radiation Curing Printing Ink and Overprint Oil

Recommended amount

The total formula is supplied in the form of 0.05-0.3

- Leather topcoats based on polyurethane, acrylic resin and nitro systems

Recommended amount

The total formula is supplied in the form of 0.1-1.0

Packaging and Storage

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Storage and transportation method: Store in a cool place under normal conditions, and transport according to standard product specifications.

Customer Notice

The information contained herein is offered in good faith and is believed to be accurate. However, because conditions and methods of use of our products are beyond our control, this information should not be used in substitution for customer's tests to ensure that our products are safe, effective, and fully satisfactory for the intended end use. Suggestions of use shall not be taken as inducements to infringe any patent.

CELOTECHRUICO does not warrant or guarantee the effectiveness of our products added to any textile fiber or fabric. Before putting into mass production, multiple trials and tests must be done in accordance with your company's production technology, in order to obtain the corresponding certified standard. Mix well before use.

CELOTECHRUICO strongly encourages its customers to review both their manufacturing processes and their applications of CELOTECHRUICO products from the standpoint of human health and environmental quality to ensure that CELOTECHRUICO products are not used in ways for which they are not intended or tested.

CELOTECHRUICO personnel are available to answer your questions and to provide reasonable technical support. CELOTECHRUICO product literature, including safety data sheets, should be consulted prior to use of CELOTECHRUICO products. Current safety data sheets are available from CELOTECHRUICO.