LANDU

Technical data sheet
TDS-NOVERA-7040-L-EN
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LANDUSIL NOVERA

7040-L

Epoxy/Alkyl Hybrid Siloxane

Epoxy/alkyl hybrid siloxane for coating components and substrate-specific surface films

Chemical identity

Chemical name
Epoxy/alkyl hybrid polysiloxane

CAS number
See SDS

Reactive groups
Epoxy, alkyl

Physical form
Liquid

Product description

LANDUSIL NOVERA 7040-L is a liquid siloxane carrying epoxy and alkyl groups. It is a clear liquid.

It is used in coating components, mineral facade finishes, metal surface-film development and epoxy–siloxane hybrid manufacture.

Features and benefits

- Epoxy and alkyl groups
- Hydrophobic surface films
- Liquid, easy to blend
- Epoxy reactivity for cure
- Suited to mineral and metal surfaces

Specification

Property	Unit	Value	Test method
Appearance		**Clear liquid**	Visual
Epoxy equivalent weight	g/eq	**200 – 270**	Titration

Tested on every batch and reported on the Certificate of Analysis.

Typical properties

Viscosity	700 – 2,500 mPa·s
Cure	Non-isocyanate

For guidance only; not part of the specification.

Applications

Coating surface and processing formulations
Surface and processing additive.

Mineral facade finishes
Hydrophobic finish component.

Epoxy–siloxane hybrid manufacture
Building block for hybrids.

Industrial equipment coatings
Binder component.

Metal surface-film development
Surface-film component.

Guidelines for use

Receiving binder	Select the cure from the actual epoxy functionality.
Evaluation	Assess adhesion, water exposure and film durability together.

These levels are starting points. Determine the optimum level and method in trials under your own conditions.

Handling and safety

- Epoxy compounds can cause skin sensitization; avoid skin contact and wear gloves and eye protection.
- Keep away from heat and ignition sources; use with ventilation.
- Read the Safety Data Sheet before use.

Storage and shelf life

Store in tightly closed original containers in a cool, dry place, protected from moisture. Shelf life is 12 months from the date of manufacture in unopened containers.

Packaging

25 kg plastic drum, 200 kg steel drum, 1,000 kg IBC. Other pack sizes on request.

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