Preliminary Data Sheet

Liquid Repelling Coating LR 201

LR 201 is a liquid repelling polymer coating with good adhesion to glass, ceramics and many metals. The coating has excellent liquid repelling properties, including superb repelling of water, oil, and solvents. It is based on a moisture curable resin. The coating solution is supplied as 50% solids in a mixture of butyl acetate and methanol. Upon exposure to humid air, the resin start to cure. The curing process provides a dry to touch surface within one hour. It will harden enough to be handled after 24 hours and will reach its final mechanical abrasion resistance after a week. Post heating to 80-100°C for one hour may accelerate the curing process. Full repelling properties will be achieved before achieving the final mechanical properties.

Properties

	Liquid state
Density, g/cm^3	About 1.2
Viscosity, cps @ 25°C	10-50
Transparency	clear
	Cured state
Appearance	Clear, glossy
Density, g/cm^3	About 1.5
Pencil Hardness	>2H
Repellency, sinus of tilting angle with 50ml water	0.4-0.5
Transparency	clear

The product is supplied pre-filtered to below 1 micron particles.

Storage

1. Avoid unnecessary exposure to moisture.
2. The product should be stored at ambient conditions of 10-30ºC. Do not refrigerate.
3. The coating is supplied in glass bottles. Keep container closed to avoid moisture penetration.

The product is specified to be useful for 3 months.

Application

The product is designed for spray coating with standard spray equipment. If necessary dilute with a polyurethane varnish diluents or with solvents such as butyl acetate or MPA.
Spraying conditions: Consult with MY Polymers Ltd.
Safety instructions: Consult with MY Polymers Ltd.

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