

## Product Information

### Coating Ink Paint

**One component water-based soft printing resin**

#### Product Description:

1052R silicone emulsion is silicone-PU modified acrylate emulsion which produced by acrylate monomer emulsion polymerization, without organic solvents, it's environmentally friendly waterborne adhesive. Good compatibility, high transparency of the formed film, good elastic, not only can provide skin feel of the product, but also has special colloid feeling of PU and its freeze resistance, excellent water resistance; what's more, it can improve the problem of lifting by PU grafting.

#### Typical Application:

- Paint printing
- Leather finish
- leather edge oil
- Building waterproofing
- Shoelace dip coating

#### Product feature:

1. Film can be formed at room temperature;
2. Good compatibility with various water-based resins;
3. Good hydrophobicity;
4. Anti-resticking;
5. Good stain resistance;
6. Feel smooth.

#### Use and Restriction:

The product is untested or stated to be adaptable to edible, medical or pharmaceutical.

**Sample Package: 100ml PET bottle**

**Product Package: 50kg drum**

#### Limited Liability

This information is based on the test of **Silok** and was considered to be correct; It cannot supersede the assessments and testing that users need to do before using this product; **Silok** can only guarantee the sell products to meet the constituted sales standard; and the only responsibility of **Silok** for breach of warranty is as follows: replacement of an equivalent product or refund the purchase price; **Silok** expressly declares not responsible for the loss of accidental or incidental.

## Dolphin1052R

### Silicone PUA lotion

**Acrylate and Silicone copolymerization Si-PA Emulsion**

#### Typical physical properties:

The numerical data based on Silok internal testing purposes only

project	parameter
exterior	Milky white liquid with blue light
Solid content/%	50.00 ± 2.00
Ionicity	anion
pH value	6.0-9.0
Viscosity/cps	200-1000
Frost resistance/°C	-35
Dry wet wipe test	800 times without degumming
Washing	30 times not bad
water/60 °C, 1 hour	

#### Storage and Validity:

Unopened store at the room temperature. The shelf-life is 12 months from the production date.

#### Recommended dosage:

Use with water-based additives (dispersant, wetting agent, moisturizer, defoamer, etc.), add the coating under the mixing of the dispersing machine, and use the thickener to adjust the appropriate viscosity. Printing glue reference formula:

Materials	White pulp dosage/g	Transparent slurry dosage/g
<b>1052R</b>	50	70
<b>Defoamer</b>	0.5	0.5
<b>dispersing agent</b>	0.3	0.1
<b>Wetting agent</b>	1	1
<b>Moisturizing agent</b>	2	2

<b>Anti clogging mesh agent</b>	0.5	0.2
<b>pH regulator</b>	Adjust pH level to 8	Adjust pH level to 8
<b>Titanium dioxide powder</b>	25	---
<b>Talc powder</b>	5	5
<b>Matte powder</b>	3	8
<b>Anti sticking agent</b>	6	8
<b>Alkaline thickener</b>	1	1
<b>PTF</b>	0.1	0.5
<b>water</b>	margin	margin
<b>total</b>	100	100

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