



Silicone Printing ink for Textile

TSL-501

DESCRIPTION

TSL-501 Textile Printing Ink Base is two-component silicone systems designed for screen priting processes. TSL-501 Textile Printing Ink Base do not contain PVC, phthalates, organotins, formaldehyde or solvents.

KEY FEATURES

- ▶ Contains no PVC, phthalates, solvents,organotins or formaldehyde
- ▶ Soft, low-tack touch
- ▶ High elongation
- ▶ Excellent wash durability
- ▶ Anti-color migration
- ▶ Easily pigmented
- ▶ Fast cure
- ▶ Ironable

APPLICATIONS

- ▶ Textile Printing Ink by silk screen.

TYPICAL PROPERTY DATA

BOFORE CURING		
Appearance		Translucent
Viscosity	Pa.s {cP}	Semi-flowable

AFTER CURED (1hr @ 150°C)		
Appearance		Transulent
Specific Gravity*1		1.06
Hardness		10
Tensile Strength*1	MPa {kgf/cm ² }	2..25{23}
Elongation*1	%	1315.8

RECOMMENDED PROCEDURE

Application: Apply by silk screen
 Cure: 2-3 minutes @ 170-180°C
 Curing agent mixing ratio: CAT-BS0 (3-5phr)

REMARKS

- ▶ Befor processing , stir TSL-501 to a uniform consistency.
- ▶ Materials such as sulfur, nitrogenous compounds, organic metallic salts, and phosphorus compound will inhibit curing.
- ▶ Data here should not be used specifications.



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SPECIFICATION

Typical product data values should not be used as specification. Assistance and specification are available by contacting YanTai E.S.T. silicone technology co.,LTD

HANDLING AND SAFETY

When solvent are used, proper safety precautions must be considered toxic and must be used only in well ventilated areas.

USABLE LIFE AND STORAGE

When stored at or below 25°C (77°F) in the original unopened containers, this product has a usable life of 12 months from the date of manufacture.

CAUTION!	HANDLING PRECAUTIONS	FIRST AID MEASURES
<p>1.FOR INDUSTRIAL USE ONLY</p> <p>2.This product is neither terted nor representde as suitable for medical or pharmaceutical uses.</p> <p>3.Do not use this product for other than its intended use,or user shall bear responsibility for any problems.</p>	<p>1.Wear suitable protective goggles, respirator and gloves.</p> <p>2.Use only where an adequate ventilation system is available to sxhaust poisonous gases.</p> <p>3.After handling,wash face and hands very thoroughly.</p> <p>4.Keep out of reach of children.</p> <p>5.Store in a cool,dark and dry place.</p>	<p>1.Inhalation:Remove to fresh air and get medical attention immediately.</p> <p>2.Eye contact:Immediately flush eyes with plenty of water for at lest 15minutes.Get medical attention immediately.</p> <p>3.Skin contact:Immediately flush skin with plenty of soop and water for at least15minutes.Get medical attention immediatly.</p> <p>4.Ingestion:Induce vomiting and get medical attention immediately.</p> <p>5.See material safety data sheet.</p>