

# TECHNISPRAY PAINTS LTD.

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## TECHNICAL DATA SHEET

### VINYLKOTE®

#### PRODUCT DESCRIPTION

VINYLKOTE® has been specially developed for PVC and leather. The coating chemically bonds with the surface.

#### CHARACTERISTICS

Gloss @ 60 degrees	Gloss: 70 % Minimum through to super matt
Specific Gravity	0.85 g/cm <sup>3</sup> @ 20°C
Weight Solids (%)	15.5 (Clear) to 20.0 (depending upon the colour)
Volume Solids (%)	15.3 (Clear) to 19.8 (depending upon the colour)
Packaged Viscosity	15.0 – 20.0 seconds @ 20° C Ford Cup No. 4
Shelf Life	One Year
Flash Point	4°C (Measured with Seta Closed Cup)
Volatile Organic Content (VOC)	740 +/- 85 grams per litre

#### FILM THICKNESS

Dry Film Thickness	15 - 20 microns
Wet Film Thickness	75 - 100 microns (Colour)

## CURE PROCESS

Flash Time (Between Coats)	10 - 15 minutes @ ambient temperature (16° C)
Oven Cure	50 minutes @ 50°C
Post Cure	24 hours @ ambient temperature (16°C)

## APPLICATION EQUIPMENT

Equipment	HVLP Cup Gun (new work: interior spraying)
Manufacturer Model (gun)	DeVilbiss JGHV 522-1
Fluid Tip	FY 1.0 mm.
Air Cap	JGHV-16-13
Pot Pressure	7 - 16 psi

The gun tip/needle/air cap combinations can be varied to suit the volume throughput required. Feed of product is generally from pressure pots and pumps. Spray techniques vary, and the fluid flow can be adjusted considerably to obtain the best results. There are numerous variables, namely air pressure, air volume, and pot pressure. Altering any of these will affect the others, thus requiring further adjustments. A number of other spray gun suppliers are able to provide suitable alternatives. Each supplier should be evaluated in full before procuring to verify actual application results.

## CLEANING OF EQUIPMENT

Clean spray equipment regularly with any proprietary gun cleaning solvent. Spray guns and pots must be cleaned as required between colours using any proprietary cleaning apparatus.

## REDUCTION

No reduction necessary.

## STORAGE CONDITIONS

Containers must not be exposed to direct sunlight or temperatures above 50° C. Store away from oxidizing agents. Avoid exposure to sources of heat or ignition. Static electricity may result in build-up that may cause a flash fire or an explosion. Keep containers tightly closed.

## **FIRST AID PRECAUTIONS**

For inhalation, move the exposed person to fresh air at once. Get medical attention immediately.

For breathing difficulties, oxygen may be necessary. If rapid recovery does not follow, apply artificial respiration as necessary.

For ingestion, do not induce vomiting. Obtain medical attention immediately.

For skin contact, wash the skin immediately with soap and water. Use a moisturiser. Get medical attention if any discomfort continues.

For eye contact, flush with plenty of water for several minutes. Continue to rinse for at least 15 minutes. If irritation persists, refer for medical attention.

## **FURTHER INFORMATION**

For further information please contact:

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