



MATSUI INTERNATIONAL CO. INC.

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PRODUCT DATA SHEET

PRODUCT IDENTIFICATION Photopia® PVC Spray Paint

GENERAL INFORMATION

Photopia® PVC Spray Paint is a water based, light sensitive colorant for spray painting onto plastisol products with a shore hardness of 75 or below. A topcoat is recommended for better abrasion and adhesion resistance.

COLORS

| | | | |
|-------------|-----------|----|-----------|
| C/# YBR-401 | PMS 380 C | to | PMS 498 C |
| C/# PM-402 | PMS 211C | to | PMS 248 C |
| C/# BV-403 | PMS 310 C | to | PMS 258 C |
| C/# WPL-404 | Colorless | to | PMS 492 C |
| C/# OR-405 | PMS 804 C | to | PMS 560 C |
| C/# GOL-406 | PMS 802 C | to | PMS 560 C |
| C/# WY-413 | Colorless | to | PMS 136 C |
| C/# PO-414 | PMS 211 C | to | PMS 171 C |
| C/# BG-415 | PMS 310 C | to | PMS 367 C |
| C/# PBG-416 | PMS 529 C | to | PMS 471 C |
| C/# LYB-421 | PMS 579 C | to | PMS 314 C |
| C/# YG-411 | PMS 374 C | to | PMS 354 C |
| C/# OBR-423 | PMS 804 C | to | PMS 463 C |
| C/# PPL-424 | PMS 183 C | to | PMS 272 C |
| C/# PPL-426 | PMS 182 C | to | PMS 258 C |

Composition: Acrylic acid ester copolymer emulsion, Microencapsulated Photopia Color

Ph: 6-7

Specific Gravity : 1.0

Viscosity : 3,000 cps (BH Model Viscometer) at 25°C

APPLICATION METHOD

Recommended Viscosity: Photopia® Paint: 3,000 - 5,000 cps
Top Coat Paint: 10 - 15 cps

Substrate Preparation: Degrease the surface using IPA

Application Equipment: Air gun. Make sure orifice of gun is large enough to permit the passage of 50µ particle size.

| | | |
|------------------------|---------------------------|------------------|
| Application Procedure: | Photopia® PVC Spray Paint | 30-50 parts |
| | PVC Clear Paint | 70-50 parts |
| | TOTAL | 100 parts |

Filter the Photopia® Paint with a 180 mesh filter prior to application.

Chromicolor Paint: Apply 150g / m² with spray gun. Cure for 15 – 20 minutes @60°C.

PVC Top Paint
(lustre or non-lustre finish): Apply 75gm / m² with spray gun and allow to air dry. Cure at 60° C – 80°C for 10 minutes.

Recommended Dry
Film Thickness: Photopia® Paint: Approx. 60µ / dry
Top Coat Paint: Approx. 3.5µ / dry

SHELF LIFE, STORAGE, SAFETY, HANDLING

Shelf Life: Photopia® PVC Spray Paint: 30°C x 3 months
PVC Clear Paint: 30°C x 6 months
PVC Top Paint: 30°C x 6 months
PVC Fixer: Tightly sealed - 30°C x 6 months.
After open, 30°C x 1 month

Storage: Store Photopia® PVC Spray Paint and all components in a cool, dry area below 30°C.

Safety, Handling: Do not inhale the paint fumes.
Avoid skin contact.
Protective clothing should be worn at all times when using this product (safety glasses, gloves).
REFER TO MSDS FOR SPECIFICS.