



31-VC/SP SERIES TECHNICAL BULLETIN

- APPLICATION:** For pad and screenprinting Santoprene, Polyurethane Foam Stress Balls And various other TPE's* and rubber substrates
- Santoprene** – The substrate must be wiped with Ruco 100-VR-1075 Primer Prior to printing. Ruco Elastifier 100-VR-1345 may be added if needed to Avoid cracking of the cured ink film
- Polyurethane Foam Stress Balls** – Priming is unnecessary, however 100-VR-1345 Elastifier should be added to avoid cracking of the cured ink film
- *Since TPE composition is varied in surface characteristics and durometer specific product testing is required in all cases
- PROPERTIES:** High opacity. Excellent flow.
Physically drying, In general the following drying times are valid:
Air-drying: approx. 1 hour
Oven-drying: 3 minutes at 200F
- RESISTANCES:** Resistant to oil, fat, alcohol, acids, weak caustic solutions and numerous solvents. Good abrasion and scratch resistance
- COLOUR SHADES:** Available in the Ruco 12 Color System formulations as well as custom colors . In their chemical composition, all inks are formulated without heavy metal components, the inks do comply with the regulations of the European Standard 71, part 3, Safety of Toys (1989).
- AUXILIARIES:**
- | | |
|----------------|--------------------------------|
| Fast Thinner | 38571 |
| Medium Thinner | 38472 |
| Slow Thinner | 35928 |
| Primer | 100-VR-1075 |
| Elastifier | 100-VR-1345 (add 3% by weight) |
- **This ink contains special adhesion modifiers that reduce the inks viscosity. In many cases the ink will be printable straight from the can without further Thinning unless you must adjust the ink's tack/drying time.
- CLEANING:** Cleaner Easisolve 120 is recommended.
- STORAGE:** Store cool and dry. In original packaging at least 12 months storable.

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