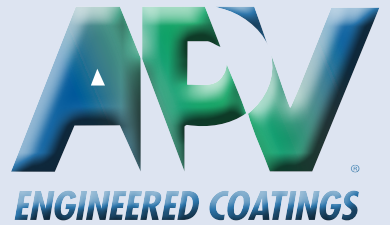


PRODUCT DATA SHEET



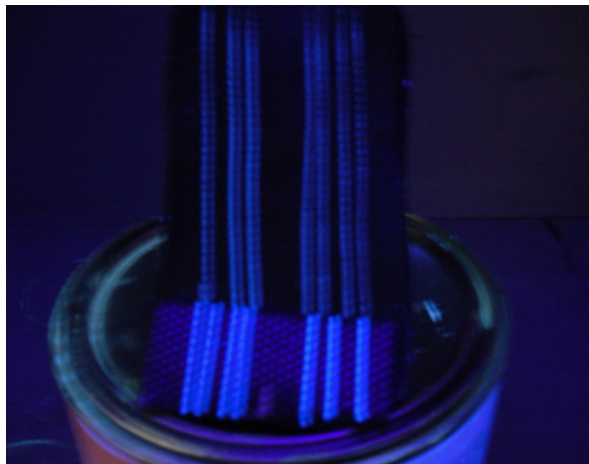
UV Readable Marking Ink

High Viscosity

DH-0525

UV-readable ink is used in tire and rubber manufacturing to mark surfaces visible under UV light for processing and identification purposes. Under normal light the ink appears colorless and when the marked surface is exposed to UV light the marking becomes highly visible. UV-readable ink utilizes a co-curable chemistry that bonds to rubber in production, particularly during the molding process.

UV-readable ink is applied by a gravity-feed method through a Beugler® striping wheel onto uncured tread or extruded rubber products. It can also be custom formulated for an offset printer application for alphanumeric coding.



Features

Great Adhesion to Rubber Surfaces

Easy Application

Invisible Under Normal Lighting

Helps Identify Parts in Production

Easy To Use and Implement

Co-Curable

APV Engineered Coatings
1390 Firestone Parkway Akron, Ohio 44301 USA
330.773.8911 sales@apvcoatings.com www.apvcoatings.com





PRODUCT DATA SHEET

Product Specifications

PRODUCT DESCRIPTION:

UV READABLE MARKING INK

PRODUCT NUMBER: DH-0525

PHYSICAL PROPERTIES:

COLOR: Cream (dries clear)
TYPE: Solvent-Based
VISCOSITY(ASTM D 2196-86): 1750 ± 250 CPS #3/30 RPM
WEIGHT PER GALLON (ASTM D 1475-90): 6.80 lbs/gal ± .30 (0.813 g/ml ± 35g/l)
SPECIFIC GRAVITY (ASTM D 1475-90): 0.82
FLASH POINT: 20 °F (-7.0°C)
SOLIDS: 11.18% by weight 9.07% by volume
THEORETICAL COVERAGE: 145 ft² / gal @ 1.0 mil (3.57 m²/l @ 25.4 μ)
VOC: 5.82 lb/gal (697.91g/l)

APPLICATION:

METHOD: Beugler Wheel or Hand Stamp
REDUCTION: None Required, Use as supplied
CLEAN UP SOLVENT: Mineral Spirits or Isopropyl Alcohol
RECOMMENDED EQUIPMENT: Consult APV for recommendations

SUBSTRATE:

TYPE: Uncured Rubber Compound
PREPARATION: None

HANDLING & STORAGE:

SHELF LIFE: 9 Months unopened
FREEZE CAUTION: No
RECOMMENDED STORAGE: Cool, dark location

COMMENTS:

Mix well before using. Close container after use. This straw colored ink dries clear, but is readable under a "black light". This ink is co-curable with a wide variety of sulfur curable compounds.