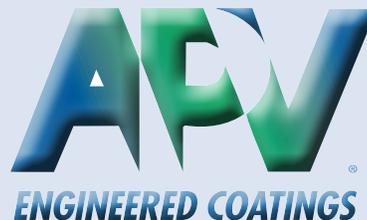


## PRODUCT DATA SHEET



# Cure Indicator Ink

Temperature Sensitive

D-2624, D-2196

Cure Indicator Ink is a solvent-based ink that changes color to give an indication when a rubber compound has been fully cured. The product is applied directly to the uncured, extruded rubber hose or tube. After the uncured material is wound onto spools and steam-cured in an autoclave, the color of the ink changes from red to white. This indicates that the marked rubber has reached the desired cure temperature.

The product is applied by gravity-feed method through a Beugler® striping wheel or offset printer. Depending on the preferred application of the customer, the product can be custom formulated for the specified equipment.

Cure Indicator Ink is offered in two types of formulations:

- D-2624- the color change is activated when the temperature is sustained for 18 minutes at approximately 260°F (127°C) or above.
- D-2196- the color change is activated when the temperature is sustained for 25 minutes at approximately 300°F (148°C) or above.



## Features

*Can Help Reduce Scrap*

*Vibrant Color*

*Easy To Use and Implement*

*Temperature Sensitive*

*HAPS Free*

APV Engineered Coatings  
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# PRODUCT DATA SHEET

## Product Specifications

### PRODUCT DESCRIPTION:

CURE INDICATOR INK:

PRODUCT NUMBERS:

D-2624 & D-2196

### PHYSICAL PROPERTIES:

COLOR:

Red - Turns white when it reaches it desired temperature

TYPE:

Solvent-Based

VISCOSITY(ASTM D 2196-86):

85 ± 100 KU (Krebs Units)

WEIGHT PER GALLON (ASTM D 1475-90):

7.79-7.81 lbs/gal ± .30 (0.933-0.943 g/ml ± 35g)

SPECIFIC GRAVITY (ASTM D 1475-90):

0.93-0.94

FLASH POINT:

138°F (59.0°C)

SOLIDS:

29.91-30.5% by weight 21.61-22.09% by volume

THEORETICAL COVERAGE:

347-354 ft<sup>2</sup> / gal @ 1.0 mil (8.51-8.69 m<sup>2</sup>/l @ 25.4 μ)

VOC:

5.43-5.46 lb/gal (651.14-654.74g/l)

### APPLICATION:

METHOD:

Offset Printer or Beugler Wheel

REDUCTION:

None Required, Use as supplied

CLEAN UP SOLVENT:

L-105 or L-155

RECOMMENDED EQUIPMENT:

Consult APV for recommendations

### SUBSTRATE:

TYPE:

Uncured Rubber Compounds

PREPARATION:

None

### HANDLING & STORAGE:

SHELF LIFE:

1 Year unopened

FREEZE CAUTION:

No

RECOMMENED STORAGE:

Cool, dark location

### COMMENTS:

Mix well before using. Close container after use. This ink is HAPS free.

10/9/2012

NOTE: The information and data given herein are based upon tests and reports considered reliable and are believed to be accurate. However, due to varied application and handling methods, no guarantee of duplicate performance, expressed or implied, is made.