

# CPPC

MATERIAL SAFETY DATA SHEET  
for VINYL COATED FABRICS  
Upholstery Product.

Manufacturing Division

111/1 Moo 2 T.Nikompattana

Nikompattana sub-district

Rayong, 21180

Tel.(662)897103-8

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## SECTION I

### MANUFACTURER'S NAME

CPPC

### EMERGENCY TELEPHONE NO.

(662)897103-8

### ADDRESS

111/1 Moo 2 T.Nikompattana, Nikompattana sub-district, Rayong, 21180, Thailand

### CHEMICAL NAME AND SYNONYMS

Polyvinyl Chloride (PVC)

### TRADE NAME AND SYNONYMS

### CHEMICAL FAMILY

Plasticized Polyvinyl Chloride

### FORMULA

$(-\text{CH}_2\text{CH Cl}-)_n$  Mixture

## SECTION II - PHYSICAL DATA - VINYL COMPOUND PORTION

### BOILING POINT (°C)

N/A

### SPECIFIC GRAVITY (H<sub>2</sub>O=1)

1.20 to 1.70

### VAPOR PRESSURE (mm HG)

N/A

### PERCENT VOLATILES

< 2.0%

### SOLUBILITY IN WATER

Not Soluble

### EVAPORATION RATE

N/A

### APPEARANCE AND ODOR

Plastic film either supported or unsupported with a slight characteristic odor.

N/A = No applicable information found.

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**SECTION III - FIRE AND EXPLOSION HAZARD DATA**

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**FLASH POINT ( METHOD USED)**

440°F Cleveland Open Cup Plasticizer portion only

**EXTINGUISHING MEDIA**

Fires Involving this product can be extinguished by carbon dioxide, foam , dry chemical or water.

**UNUSUAL FIRE AND EXPLOSION HAZARDS**

None known

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**SECTION IV - SECTION 313 SUPPLIER NOTIFICATION**

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Some products, depending on construction and color , may contain chemicals which can be hazardous. These chemicals are mixed and bound in the plastic and are not released except under extreme circumstances such as fire. Listed below are the maximum levels of those chemicals which are subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and 40 CFR 372

<u>CAS #</u>	<u>CHEMICALNAME</u>	<u>WEIGHT %</u>
7440-36-0	Antimony	< 3.0 %
7439-92-1	Lead	< 1.5 %
7440-47-3	Chromium	< 0.8 %
78-93-3	Methyl Ethyl Ketone	< 1.0 %
108-10-1	Methyl Isobutyl Ketone	< 1.0 %
108-88-3	Toluene	< 1.0 %

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**SECTION V - HEALTH HAZARD DATA**

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Under normal use and handling conditions, there can be trace exposure to plasticizer and residual solvent vapors, however, these exposures are significantly below OSHA guidelines and should not constitute a hazard in normal use.

This product contains 18-30% mixed phthalate esters. These plasticizers have low toxicity. ACGIH and OSHA have not established specific exposure limits for these plasticizers. Chemically similar plasticizers have ACGIH and OSHA exposure limits of 5 mg/m<sup>3</sup>, 8 hour time weighted average. Subjecting this material to temperatures above 250 °F may liberate modest quantities of plasticizer . At temperatures above 400 °F the product may decompose to HCL , CO, and other gases.

This product also contains 0.1-2.0 % mixed solvent . This solvent is residual to printing, finishing, or backcoating operations and consists primarily of ketones.



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**SECTION VI - REACTIVITY DATA**

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**STABILITY**

Stable

**CONDITIONS TO AVOID**

N. A.

**INCOMPATIBILITY ( MATERIALS TO AVOID )**

Not Reactive

**HAZARDOUS DECOMPOSITION PRODUCTS**Combustion products include CO, CO<sub>2</sub> and HCL**HAZARDOUS POLYMERIZATION**

Will not occur

**CONDITIONS TO AVOID**

N. A.

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**SECTION VII - SPILL OR LEAK PROCEDURES**

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**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED**

Reroll, sweep, shovel, or vacuum

**WASTE DISPOSAL METHOD**

Waste vinyl is not a hazardous material as defined by the Resource Conservation and Recovery Act. This material is suitable for land filling or component recovery. Vinyl material may be incinerated under conditions which control associated chlorine formation.

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**SECTION VIII - SPECIAL PROTECTION INFORMATION**

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**RESPIRATORY PROTECTION ( SPECIFY TYPE )**

No special protection during normal use.

**PROTECTIVE GLOVES**

N. A.

**EYE PROTECTION**

N. A.

**VENTILATION**

Good general ventilation is recommended when handling large amounts of product.

**OTHER PROTECTIVE EQUIPMENT**

When heated to decomposition provide adequate ventilation or NIOSH approved chemical cartridge respirator.

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**SECTION IX - SPECIAL PRECAUTIONS**

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**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE**

Store below 120 ° F to minimize volatilization of plasticizer.

**OTHER PRECAUTIONS**

Product rolls can weigh up 125 pounds. Follow good ergonomic principles in handling.