



## MATERIAL SAFETY DATA SHEET for VINYL COATED FABRICS and FILMS

"Information on this form is furnished solely for the purpose of compliance with the Occupational Safety and Health Act of 1970, and other applicable regulations, and should not be used for any other purpose. No warranty, express or implied, or merchantability, fitness for purpose or of any other nature regarding this data or the product is made herein".

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### SECTION I

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**MANUFACTURER'S NAME**

Compotite Corporation

**EMERGENCY TELEPHONE NO.**

800/221-1056

**ADDRESS**355 Glendale Blvd., Los Angeles, California  
90026**TRADE NAME**

Composeal Gold

**CHEMICAL NAME AND SYNONYMS**

Polyvinyl Chloride (PVC)

**FORMULA** $(\text{CH}_2\text{CH CL})_n$  Mixture**CHEMICAL FAMILY**

Plasticized Polyvinyl Chloride

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### SECTION II- PHYSICAL DATA- VINYL COMPOUND PORTION

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**BOILING POINT ( $^{\circ}\text{C}$ )**

N/A

**SPECIFIC GRAVITY ( $\text{H}_2\text{O}=1$ )**

1.20 TO 1.70

**VAPOR PRESSURE (mm HG)**

N/A

**PERCENT VOLATILES**

&lt; 2.0%

**SOLUBILITY IN WATER**

Not Soluble

**EVAPORATION RATE**

N/A

**APPEARANCE AND ODOR**

Solid plastic film either supported or unsupported with a slight characteristic odor.

N/A = No applicable information found

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### SECTION III- FIRE EXPLOSION HAZARD DATA

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#### FLASH POINT ( METHOD USED)

440<sup>0</sup> F Cleveland Open Cup Plasticizer portion only

#### EXTINGUISHING MEDIA

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

#### SPECIAL FIRE FIGHTING PROCEDURES

Use NIOSH approved pressure demand self-contained breathing apparatus due to possible liberation of HCl, CO, and other gases.

#### 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>CHEMICAL NAME</u>	<u>WEIGHT</u>
7440-36- 0	Antimony	< 3.0 %
7439 -92-1	Lead	< 1.9 %
7440 -47-3	Chromium	< 0.8 %
78-93 -3	Methyl Ethyl Ketone	< 1.0 %
108-10-1	Methyl Isobutyl Ketone	< 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<sup>0</sup> F may liberate modest quantities of plasticizer. At temperatures above 400<sup>0</sup> F the product may decompose to HCl, CO, and other gases.

This product also contains 0.1-2% 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

**CONDITIONS TO AVOID**

N/A

**HAZARDOUS POLYMERIZATION**

Will not occur

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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 not normal use.

**EYE PROTECTION**

N/A

**PROTECTIVE GLOVES**

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<sup>0</sup> F to minimize volatilization of plasticizer.

**OTHER PRECAUTIONS**

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