

SAFETY DATA SHEET

SECTION 1: IDENTIFICATION

COMPANY

Custom Foils Company
Div. of CWC Industries, Inc.
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EMERGENCY PHONE NUMBER: 973-344-1434

PRODUCT FORM: Article

PRODUCT: Pigment Foil Category 4 (Manufactured after 1991)
(This SDS does not apply to older lots manufactured prior to 1991.)

CHEMICAL NAME OR SYNONYMS: Not available – mixture

CHEMICAL FAMILY: Hot Stamping Foil

INTENDED USE OF PRODUCT: Decorative product for plastics and graphic arts. For professional use only.

SECTION 2: HAZARD(S) IDENTIFICATION

Under normal industrial usage, this product is not an ingestion, inhalation or chemical hazard. Do not allow this product to be ingested, inhaled or absorbed into the body.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS: Mixture

COMPONENT	CAS #	WEIGHT %
Polyester Film	25038-59-9	40-90%
Polymers, Waxes	Trade secret	5-100%
Pigments, Dyes, Fillers	Trade secret	0-80%
Titanium Dioxide (white pigment)	13463-67-7	0-80%
Carbon Black (black pigment)	1333-86-4	0-60%
Talc (filler)	14807-96-6	0-20%
Additives	Trade secret	0-10%
Residual Solvents	Trade secret	<0.1%

SECTION 4: FIRST-AID MEASURES

EMERGENCY AND FIRST AID PROCEDURES:

Inhalation: Remove to fresh air. If difficulty breathing persists, seek medical attention.

Eye Contact: Flush eyes with copious amount of water for at least 15 minutes. If irritation develops or persists, seek medical attention.

Skin Contact: Wash affected area with soap and water. If irritation develops or persists, seek medical attention.

Ingestion: Seek medical attention. Never administer anything by mouth to an unconscious person.

IMPORTANT SYMPTOMS AND EFFECTS (both acute and delayed):

Symptoms/Injuries After Inhalation, Skin Contact, and/or Eye Contact: None expected to present a significant hazard under normal conditions of use.

Symptoms/Injuries After Ingestion: Ingestion is not considered a normal route of exposure.

Chronic Symptoms/Injuries: None expected under normal conditions of use.

SECTION 5: FIREFIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA: Foam, Extinguishing Powder, Carbon Dioxide, or Water Spray

UNSUITABLE EXTINGUISHING MEDIA: None known.

SPECIAL FIREFIGHTING PROCEDURES AND EQUIPMENT: None known.

UNUSUAL FIRE AND EXPLOSION HAZARDS: None known.

Other information: Refer to Section 9 for flammability properties.

SECTION 6: ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IF RELEASED OR SPILLED: Not Applicable.

SECTION 7: HANDLING AND STORAGE

STORAGE INFORMATION: Store away from excessive heat or open flame and incompatible chemicals and products.

HANDLING INFORMATION: Handle in accordance with good industrial hygiene and safety practices. Wash hands and face after handling. Do not ingest or inhale. Do not allow product to be in contact with food or drink.

INCOMPATIBLE CHEMICALS AND PRODUCTS: Strong chemical oxidizing and reducing agents, strong alkalis and acids.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

THRESHOLD LIMIT VALUE: None Assigned
OSHA PERMISSIBLE EXPOSURE LIMIT: None Assigned
EFFECTS OF OVEREXPOSURE: *ACUTE:* None Known
CHRONIC: None Known
EYE PROTECTION: Safety glasses or safety goggles.

RESPIRATORY PROTECTION: Pigments on the hot stamping foil are resinated and coated on a polyester film. Maintain good ventilation and use safety masks to avoid breathing particles generated from handling, cutting or use of foil.

The following refers to raw pigment and filler particles:

	ACGIH TLV	OSHA PEL
Titanium Dioxide	TWA: 10mg/m ³	TWA: 15mg/m ³
Carbon Black	TWA: 3 mg/m ³	TWA: 3.5 mg/m ³
Talc (not containing asbestos)	TWA: 2mg/m ³	TWA: 0.1mg/m ³

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Solid
VISCOSITY: Not Applicable
MELTING OR FREEZING POINT: Not Applicable
BOILING POINT: Not Applicable
ODOR/ODOR THRESHOLD: No data available.
VAPOR PRESSURE (mm Hg): Not Applicable
VAPOR DENSITY (AIR=1): Not Applicable
SOLUBILITY IN WATER: Negligible
PERCENT VOLATILE (BY WEIGHT): Not Applicable
EVAPORATION RATE: Not Applicable
pH: No data available.
RELATIVE DENSITY: No data available.
DECOMPOSITION TEMPERATURE: No data available.
FLASH POINT: Not Known
FLAMMABLE LIMITS: *LOWER EXPLOSION LIMIT %:* Not Known
UPPER EXPLOSION LIMIT %: Not Known
AUTO IGNITION TEMPERATURE: Not Known

SECTION 10: STABILITY AND REACTIVITY

STABILITY: Stable under recommended handling and storage conditions (refer to section 7).
HAZARDOUS DECOMPOSITION PRODUCTS: Hydrogen cyanide, ammonia, carbon dioxide, carbon monoxide, nitrous oxides and other oxides may be released under extreme conditions. Hydrogen sulfide may be released under acidic conditions.

HAZARDOUS POLYMERIZATION: NO

CONDITIONS TO AVOID: Extreme temperatures, strong chemical oxidizing and reducing agents, strong alkalis and acids. Avoid flammable environments as the film may contain static charges.

SECTION 11: TOXICOLOGICAL INFORMATION

Pigments on the hot stamping foil are resinated and coated on a polyester film. The following refers to raw pigment and filler particles: Causes damage to organs through prolonged or repeated exposure to particulates or powder.

	Oral LD50 (Rat)	IARC carcinogen
Titanium Dioxide	10000 mg/kg	2B
Carbon Black	>8000 mg/kg	2B
Talc		2B, 3

Carcinogenicity: International Agency for Research on Cancer (IARC)

Group 2B: possibly carcinogenic to humans.

Group 3: Not classifiable as to carcinogenicity to humans.

SECTION 12: ECOLOGICAL INFORMATION

No information available.

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHODS: Dispose in accordance with local, state, federal, and international regulations.

SECTION 14: TRANSPORT INFORMATION

None assigned.

SECTION 15: REGULATORY INFORMATION**US TOXIC SUBSTANCES CONTROL ACT INVENTORY**

All chemical substances in this product are listed on the TSCA Chemical Substance Inventory, or are exempt from inventory listing requirements.

CALIFORNIA PROPOSITION 65

⚠ WARNING: This product may contain trace levels of toluene (108-88-3), which is known to the State of California to cause reproductive toxicity. This product may contain airborne, unbound particles of respirable size of titanium dioxide (13463-67-7) and carbon black (1333-86-4) which are known to the State of California to cause cancer. Under normal industrial use, exposure levels of these are expected to be below the State's Safe-Harbor limits.

⚠ WARNING: This product can expose you to trace chemicals which is/are known to the State of California to cause cancer and birth defects or other reproductive harm. These trace quantities are residual remnants or impurities in our raw materials. They are not intentionally added as a raw material component. Under normal industrial use, exposure levels are expected to be below the State's Safe-Harbor limits. For more information, go to www.P65Warnings.ca.gov.

⚠ WARNING: This product can expose you to the following chemicals which are known to the State of California to cause cancer. These are residual remnants or impurities in our raw materials. They are not intentionally added as a raw material component. Because the following chemicals do not have a published No Significant Risk Level (NSRL), we are unable to perform a Safe Harbor determination for them.

CHEMICAL	CAS #	WEIGHT %
Vinyl acetate	108-05-4	0 - 0.00007%

For more information go to www.P65Warnings.ca.gov.

SECTION 16: OTHER INFORMATION

The data set forth in this sheet relates only to the specific products manufactured by Custom Foils Company and may not be valid for such material used in combination with any other materials or in any process. The data set forth herein is based on information that we have on file provided by the manufacturers and suppliers of the raw materials and chemicals used in the manufacture of the aforementioned product. Information sources and interpretations are subject to change, and although we make the effort to ensure our data is current, CWC Industries, Inc. and Custom Foils Company cannot guarantee the accuracy or completeness of our information sources that we used to report the information above. We believe the safety, health, and environmental data on this sheet to be reliable and accurate. However, at any time Custom Foils Company reserves the right to alter this Safety Data Sheet without notice, as additional information may become available from regulatory agencies, raw material manufacturers, and/or suppliers. CWC Industries, Inc. and Custom Foils Company make no

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DATE MODIFIED: October 30, 2025

SUPERSEDES: ALL PREVIOUS