NO.262690106250

中国认可
检验
INSPECTION
CNAS IB0071

SAFETYDATASHEET

Product Name: Direct-to-Film (DTF) Transfer Films

Effective Date: 2026-02-05

Compiler: He Xiaoshuang

Checker: Liu Wanqing

Approver: Dongxuesheng

Shanghai Institute of Chemical Industry Testing Co., Ltd.

CobraFlex Printers, LLC

SAFETY DATA SHEET

Direct-to-Film (DTF) Transfer Films

SECTION1 PRODUCT AND COMPANY IDENTIFICATION

Product name:	Direct-to-Film (DTF) Transfer Films
Company:	CobraFlex Printers, LLC
Address:	906 South Priest Unit 104 Tempe Arizona 85281, USA
E-mail:	info@cobraflexprinters.com
Fax:	+1-(602) 930-1858
Emergency Phone:	+1-(602) 930-1858
Recommend use of the chemical and restrictions on use:	Direct-to-Film Printing, Textile Printing, DTF Printing. Not Edible.
Unique Formula Identifier (UFI):	No data available.
Nanoform Substances:	No data available.
Reach registration number:	No data available.
SDS Number:	262690106250
Effective Date:	2026-02-05

SECTION2 HAZARDS IDENTIFICATION

Classification according to Regulation(EC)No 1272/2008 and Related Amending Regulations:

Physical Hazards:

Not Classified

Health Hazards:

Classification not possible

Environmental Hazards:

Classification not possible

This product contains 1.6% of ingredients which lack data or information for classification, and may have unknown potential hazards to human health and the environment.

The hazards not mentioned are not applicable or no data available.

Label Elements:

Hazard Pictogram(s):

UnKnown

Signal Word:

Unknown

Hazard Statements(s):

UnKnown

Precautionary Statements(s):

P501 Dispose of contents/container in accordance with local, regional, national, and/or international regulations.

Other Hazards:

Results of PBT/vPvB assessment[according to (EC)No. 1907/2006]:

Poly(ethylene terephthalare), PET: Not PBT/vPvB
Polyurethane, PU: Not PBT/vPvB
Polyacrylate: Not PBT/vPvB
Polydimethylsiloxane, PDMS: Not PBT/vPvB
Silicone Dioxide: Not PBT/vPvB

Results of Endocrine disrupting properties assessment[according to (EU)No. 2017/2100 or (EU)No. 2018/605]:

Poly(ethylene terephthalare), PET: Not ED
Polyurethane, PU: Not ED
Polyacrylate: Not ED
Polydimethylsiloxane, PDMS: Not ED
Silicone Dioxide: Not ED

SECTION3 INFORMATION ON INGREDIENTS

Substance/Mixture: Mixture

Product name: Direct-to-Film (DTF) Transfer Films

Ingredient	Concentration(%)	CAS NO.	EC NO.	Classification	Specific Conc. Limits, M-Factors, Acute Toxicity, Estimates (ATE)
Poly(ethylene terephthalare), PET	95	25038-59-9	607-507-1	Physical Hazards: Not classified Health Hazards: Not classified Environmental Hazards: Classification not possible	/
Polyurethane, PU	1.6	51852-81-4	610-745-9	Physical Hazards: Not classified Health Hazards: Classification not possible Environmental Hazards: Classification not possible	/

Polyacrylate	1.5	9011-14-7	618-466-4	Physical Hazards: Not classified Health Hazards: Not classified Environmental Hazards: Classification not possible	/
Polydimethylsiloxane, PDMS	1.1	9006-65-9	618-433-4	Physical Hazards: Not classified Health Hazards: Not classified Environmental Hazards: Classification not possible	/
Silicone Dioxide	0.8	112926-00-8	601-214-2	Physical Hazards: Not classified Health Hazards: Not classified Environmental Hazards: Classification not possible	/

Nanoform Component and its particle characteristics: No data available.

SECTION4 FIRST-AID MEASURES

Skin Exposure:

In case of skin contact, flush with copious amounts of water. If irritation persists, Call a physician.

Eye Exposure:

In case of contacting with eyes, flush with copious amounts of water for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers. If irritation persists, Call a physician.

Inhalation Exposure:

If inhaled, remove to fresh air immediately. If the person feels unwell, Call a physician.

Oral Exposure:

If swallowed, wash out mouth with water provided person is conscious. Call a physician.

Most Important Symptoms/Effects, Acute and Delayed:

No data available.

Indication of Any Immediate Medical Attention and Special Treatment Needed:

No data available.

SECTION5 FIRE FIGHTING MEASURES

Extinguishing Media:

Suitable Extinguishing Media: Water spray, Dry chemical, Carbon dioxide or Suitable foam.

Unsuitable Extinguishing Media: No data available.

Specific Hazards Arising from the Substance or Mixture:

Take care as it may decompose upon combustion or in high temperatures to generate Carbon oxides, nitrogen oxides, silicon oxides.

Advice for Firefighters:

Protective Equipment: Wear self-contained breathing apparatus and protective clothing to

prevent contact with skin and eyes. Fire-extinguishing work is done from the windward. Uninvolved persons should evacuate to a safe place.

SECTION6 ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures:

Use personal protective equipment. Remove all sources of ignition. Avoid inhalation. Keep people away from and upwind of spill/leak. Ensure adequate ventilation. Entry to noninvolved personnel should be controlled around the leakage area by roping off.

Environmental Precautions:

Prevent further leakage or spillage if safe to do so. Avoid entering drains.

Methods and Materials for Containment and Cleaning up:

Sweep up with spade and transfer to a dry, clean, lidded container for disposal. Avoid raising dust. Ventilate area and wash spill site after material pickup is complete.

Reference to Other Sections:

Please refer to Sections 8 and 13 if appropriate.

SECTION7 HANDLING AND STORAGE

Precautions for Safe Handling:

Operators should be trained and strictly abide by operating procedures. Wear appropriate protective clothing and gloves(see Section 8). Avoid inhalation. Avoid contacting with eyes and skin. Handling is performed in a well ventilated place. Keep away from ignition sources, heat and flame. Wash hands and face thoroughly after operation. Avoid contact with incompatible materials(see Section 10). Handling and unloading should be light, to prevent packaging broken, damp and cause losses. Working place should be equipped with appropriate varieties and quantities of fire fighting equipment and leakage emergency treatment equipment.

Conditions for Safe Storage, Including Any Incompatibilities:

Store in cool place. Keep container tightly closed in a dry and well-ventilated place. Keep away from ignition sources, heat and flame. Should be stored separately from incompatible materials(see Section 10). Storage place should be equipped with appropriate varieties and quantities of fire fighting equipment and leakage emergency treatment equipment.

Specific End Use:

Apart from the uses mentioned in section 1, no other specific uses are available.

SECTION8 EXPOSURE CONTROL/PPE

Control Parameters:

Commission Directive 98/24/EC and related indicative lists:
Not set up

Exposure Controls:

Appropriate Engineering Controls:

Mechanical exhaust required. Safety shower and eye bath.

Personal Protective Equipment:

Eye/Face Protection:

Wear chemical safety glasses.

Skin Protection:

Hand Protection: Wear compatible protective gloves.

Body Protection: Wear appropriate protective clothing.

Respiratory Protection:

Wear government approved respirator.

Thermal Hazards:

Avoid to let the product enter drains.

Environmental Exposure Controls:

No smoking, drinking and eating at working site. Wash thoroughly after handling.

SECTION9 PHYSICAL/CHEMICAL PROPERTIES

9.1 Information on Basic Physical and Chemical Properties:

Physical State:	Slice flaky solid
Colour:	White
Odor:	Weak odor
Odor Threshold:	No data available
pH Value:	No data available
Solubility:	Hardly soluble in water
Melting Point/Freezing Point:	No data available
Flash Point (Closed Cup):	Not applicable
Boiling Point, Initial Boiling Point and Boiling Range :	Not applicable
Density/Relative Density :	No data available
Kinematic Viscosity:	Not applicable
Upper/Lower Explosive Limits:	No data available
Vapour Pressure:	No data available
Partition Coefficient: n-Octanol/Water:	No data available
Relative Vapor Density:	No data available
Autoingnition Temperature:	No data available

Decomposition Temperature:	No data available
Flammability:	The substance is not classified in Division 4.1 Flammable Solids.
Particle Characteristics:	No data available
9.2 Other information:	
Information with regard to physical hazard classes:	No data available
Other safety characteristics:	No data available

SECTION10 STABILITY AND REACTIVITY

Reactivity:

No data available.

Chemical Stability:

Stable under normal temperatures and pressures.

Possibility of Hazardous Reactions:

No data available.

Conditions to Avoid:

No data available.

Incompatible Materials:

Strong oxidizing agents.

Hazardous Decomposition Products:

Carbon oxides, nitrogen oxides, silicon oxides.

SECTION11 TOXICOLOGICAL INFORMATION

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008:

Acute Toxicity:

No data available.

Skin Corrosion/Irritation:

No data available.

Serious Eye Damage/Irritation:

No data available.

Respiratory Sensitization:

No data available.

Skin Sensitization:

No data available.

Germ Cell Mutagenicity:

No data available.

Carcinogenicity:

No data available.

Reproductive Toxicity:

No data available.

Specific Target Organ Toxicity -Single Exposure:

No data available.

Specific Target Organ Toxicity -Repeated Exposure:

No data available.

Aspiration Hazard:

No data available.

11.2 Information on Other Hazards:

Endocrine Disrupting Properties:

Based on available data, the product doesn't contain any component that is endocrine disruptor according to (EU)No. 2017/2100 or (EU)No. 2018/605.

Other Information:

No data available.

SECTION12 ECOLOGICAL INFORMATION

Toxicity:

No data available.

Persistence and Degradability:

No data available.

Bioaccumulative Potential:

No data available.

Mobility in Soil:

No data available.

Results of PBT and vPvB Assessment:

This substance contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

Endocrine Disrupting Properties:

Based on available data, the product doesn't contain any component that is endocrine disruptor according to (EU)No. 2017/2100 or (EU)No. 2018/605.

Other Adverse Effects:

No data available.

SECTION13 DISPOSAL CONSIDERATION

Waste Treatment Methods:

Recycle as far as possible. If unable to recycle, it is recommended to use incineration method for disposal under supervision. This product should not be disposed of by discharge into sewers. Return empty containers to the manufacturer or dispose of them in accordance with national and local regulations. Follow the relevant provisions of national and local regulations before disposal. It is recommended to be disposed of by a qualified chemical waste treatment department.

SECTION14 TRANSPORT INFORMATION

RID/ADR(2025 Edition):	The product is not subject to RID/ADR.
IATA DGR(67th Edition):	The product is not subject to IATA DGR.
IMO IMDG CODE(2024 Edition):	The product is not subject to IMO IMDG CODE.
Environmental Hazards:	No
Special Precautions for User:	No data available.
Maritime transport in bulk according to IMO instruments:	Not applicable

SECTION15 REGULATORY INFORMATION

Safety, Health and Environmental Regulations/Legislation Specific for the Substance or Mixture:

The product is classified and labelled according to Regulation (EC)No 1272/2008 and related amending regulations. The safety data sheet is complied according to Regulation (EU) 2020/878.

Chemical Safety Assessment:

No data available.

SECTION16 OTHER INFORMATION

Preparation Date:

2026-02-05

Preparation Department:

Shanghai Institute of Chemical Industry Testing Co., Ltd.

Tel(Fax): +86-21-52815377/31765555

Revision:

0

Reference Standard:

Regulation (EC) No 1907/2006, Article 31 , ANNEX II and (EU) 2020/878

Full Text of H-Statements Referred to under Sections 2 and 3:

H319 Causes serious eye irritation.

Abbreviations and Acronyms:

CAS: Chemical Abstracts Service EC: European Commission RID: Regulations concerning the International Carriage of Dangerous Goods by Rail ADR: Agreement concerning the International Carriage of Dangerous Goods by Road IATA DGR: International Air Transport Association Dangerous Goods Regulations IMO IMDG CODE: International Maritime Organization International Maritime Dangerous Goods Code MARPOL: International Convention for the Prevention of Pollution from Ships IBC Code: International Code for the Construction and Equipment of Ships Carrying Dangerous Chemicals in Bulk EU: European Union

Other Information:

This SDS is compiled based on the information such as ingredients provided by the applicant and our current knowledge. This SDS shall be used only as a guide. The users of this SDS must make independent judgments on the correctness and completeness and then decide its suitability according to the actual situation. The users should take the relevant legal responsibilities for the consequences of use.

END OF REPORT

声　明

Statement

1. 本报告无上海化工院检测有限公司检验检测专用章、二维码无效。
   The report is invalid if it is not affixed the dedicated inspection and testing seal of Shanghai Institute of Chemical Industry Testing Co., Ltd. and QR Code on it.
2. 本报告复印件无效。
   Copies of the report are invalid.
3. 本报告无编制、审核、批准人签字无效。
   The report is invalid without the signatures of compiler, checker and approver.
4. 本报告涂改无效。
   The report is invalid if it is forged or altered.
5. 本报告中的检验结论仅适用于收到的样品。
   The inspection conclusion of this report only applies to the sample as received.
6. 除另有说明，检测检验类别都是指委托分析。
   Unless noted otherwise, the test type is consignation test.
7. 本报告的真伪性可登入本公司网站 http://www.ghs.cn 查询
   The authenticity of the report can be checked via our website: http://www.ghs.cn.

地址：上海市光复西路 2779 号接待大厅
Address: No.2779 West Guangfu Road, Shanghai, China
邮政编码(Post Code)：200062
电话(Tel)：（021）31015134
网址（web site）：www.ghs.cn
电子信箱(E-mail)：sds@ghs.cn