

**Dyed and/or Metallized PET Film w/ CDF
Adhesive**

Version Revision Date: SDS Number: Date of last issue: -
2.0 02/15/2018 150000100687 Date of first issue: 02/15/2018
PRD SDSUS / Z8 / 0001

SECTION 1. IDENTIFICATION

Product name : Dyed and/or Metallized PET Film w/ CDF Adhesive

Product code : 35328-00

Manufacturer or supplier's details

Company name of supplier : Eastman Chemical Company

Address : 200 South Wilcox Drive
 Kingsport TN 37660-5280

Telephone : (423) 229-2000

Emergency telephone : CHEMTREC: +1-800-424-9300, +1-703-527-3887 CCN7321

Recommended use of the chemical and restrictions on use

Recommended use : Window films for application to glass.

Restrictions on use : Application to non-glass surfaces.

SECTION 2. HAZARDS IDENTIFICATION**GHS classification in accordance with 29 CFR 1910.1200**

This product is a manufactured article and is therefore exempt from 29 CFR 1910.1200

GHS label elements

This product is a manufactured article and is therefore exempt from 29 CFR 1910.1200

Other hazards

None known.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS**Ingredients**

Chemical name	CAS-No.	Concentration (% w/w)
polyester film	25038-59-9	40 - 60
polymerized release liner	proprietary	30 - 45
adhesive	proprietary	5 - 10
polyacrylate coating	proprietary	1 - 5
disperse dyes & UVA's	proprietary	0 - 1
aluminium	7429-90-5	0 - 1

SECTION 4. FIRST AID MEASURES

If inhaled : No hazards which require special first aid measures.

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Get medical attention if symptoms occur.

In case of skin contact : No hazards which require special first aid measures.
Wash off with soap and water.

In case of eye contact : No hazards which require special first aid measures.
Any material that contacts the eye should be washed out immediately with water. If easy to do, remove contact lenses.

If swallowed : Negligible or unlikely exposure pathways

Most important symptoms and effects, both acute and delayed : None known.

Notes to physician : Treat symptomatically.

SECTION 5. FIRE-FIGHTING MEASURES

Suitable extinguishing media : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media : Do not use a solid water stream as it may scatter and spread fire.

Specific hazards during fire fighting : Hazardous decomposition products will be formed at elevated temperatures.

Further information : None known.

Special protective equipment for fire-fighters : Wear an approved positive pressure self-contained breathing apparatus in addition to standard fire fighting gear.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures : Wear appropriate personal protective equipment.
Dispose of promptly.

Environmental precautions : Avoid release to the environment.

Methods and materials for containment and cleaning up : Sweep up and shovel.

SECTION 7. HANDLING AND STORAGE

Advice on protection against fire and explosion : None known.

Advice on safe handling : Low hazard for usual industrial handling or commercial

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handling by trained personnel.
Handle in accordance with good industrial hygiene and safety practice.

Conditions for safe storage : Store in original container.
Keep in a dry place.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Ingredients with workplace control parameters

Engineering measures : Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. Supplementary local exhaust ventilation, closed systems, or respiratory and eye protection may be needed in special circumstances; such as poorly ventilated spaces, heating, evaporation of liquids from large surfaces, spraying of mists, mechanical generation of dusts, drying of solids, etc.

Personal protective equipment

Respiratory protection : No personal respiratory protective equipment normally required.

Hand protection

Remarks : Wear suitable gloves. Wash hands after handling.

Eye protection : Wear safety glasses with side shields (or goggles).

Protective measures : Ensure that eye flushing systems and safety showers are located close to the working place.

Hygiene measures : Handle in accordance with good industrial hygiene and safety practice.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	: film
Color	: various
Odor	: odorless
Odor Threshold	: not determined
pH	: not determined
Melting point/freezing point	: not determined
Boiling point/boiling range	: not determined

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Flash point	:	not determined
Evaporation rate	:	not determined
Upper explosion limit	:	not determined
Lower explosion limit	:	not determined
Vapor pressure	:	not determined
Relative vapor density	:	not determined
		not determined
Relative density	:	> 1
Solubility(ies)		
Water solubility	:	insoluble
Partition coefficient: n-octanol/water	:	Not applicable
Decomposition temperature	:	not determined
Viscosity		
Viscosity, dynamic	:	not determined
Viscosity, kinematic	:	not determined
Explosive properties	:	Not classified
Oxidizing properties	:	Not classified

SECTION 10. STABILITY AND REACTIVITY

Reactivity	:	None reasonably foreseeable.
Chemical stability	:	Stable under normal conditions.
Possibility of hazardous reactions	:	Stable
Conditions to avoid	:	None known.
Incompatible materials	:	Strong oxidizing agents
Hazardous decomposition products	:	None known.

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SECTION 11. TOXICOLOGICAL INFORMATION**Acute toxicity****Product:**

Acute oral toxicity : Remarks: No significant adverse effects were reported

Acute inhalation toxicity : Remarks: No significant adverse effects were reported

Acute dermal toxicity : Remarks: No significant adverse effects were reported

Ingredients:**poly(ethylene terephthalate):**

Acute oral toxicity : LD50 Oral (Rat): > 3,200 mg/kg
Assessment: The substance or mixture has no acute oral toxicity
Remarks: (highest dose tested)

LD50 Oral (Mouse): > 3,200 mg/kg
Assessment: The substance or mixture has no acute oral toxicity
Remarks: (highest dose tested)

Acute dermal toxicity : LD50 Dermal (Guinea pig): > 1,000 mg/kg
Assessment: The substance or mixture has no acute dermal toxicity

Skin corrosion/irritation**Product:**

Remarks: No significant adverse effects were reported

Ingredients:**poly(ethylene terephthalate):**

Species: Guinea pig
Exposure time: 24 h
Result: slight

Serious eye damage/eye irritation**Product:**

Remarks: No significant adverse effects were reported

Ingredients:**poly(ethylene terephthalate):**

Species: Rabbit

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Result: slight

Respiratory or skin sensitization**Product:**

Remarks: No significant adverse effects were reported

Ingredients:**poly(ethylene terephthalate):**

Test Type: Skin Sensitization
Species: Guinea pig
Result: none

Carcinogenicity**Product:**

Remarks: Not classified

IARC

No ingredient of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

OSHA

No component of this product present at levels greater than or equal to 0.1% is on OSHA's list of regulated carcinogens.

NTP

No ingredient of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

Reproductive toxicity**Product:**

Effects on fertility : Remarks: No significant adverse effects were reported

STOT-single exposure**Product:**

Remarks: No significant adverse effects were reported

STOT-repeated exposure**Product:**

Remarks: No significant adverse effects were reported

Repeated dose toxicity**Product:**

Remarks: No significant adverse effects were reported

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Information on likely routes of exposure**Product:**

Inhalation	:	Remarks: None known.
Skin contact	:	Remarks: None known.
Eye contact	:	Remarks: None known.
Ingestion	:	Remarks: None known.

SECTION 12. ECOLOGICAL INFORMATION**Ecotoxicity**

No data available

Persistence and degradability

No data available

Bioaccumulative potential

No data available

Mobility in soil

No data available

Other adverse effects

No data available

SECTION 13. DISPOSAL CONSIDERATIONS**Disposal methods**

Waste from residues : Dispose of in accordance with local regulations.

SECTION 14. TRANSPORT INFORMATION**International Regulations****IATA-DGR**

Not regulated as a dangerous good

IMDG-Code

Not regulated as a dangerous good

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable for product as supplied.

Domestic regulation**49 CFR**

Not regulated as a dangerous good

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SECTION 15. REGULATORY INFORMATION

The ingredients of this product are reported in the following inventories:

TSCA : Article, On the inventory, or in compliance with the inventory

SECTION 16. OTHER INFORMATION

Full text of other abbreviations

AICS - Australian Inventory of Chemical Substances; ASTM - American Society for the Testing of Materials; bw - Body weight; CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DOT - Department of Transportation; DSL - Domestic Substances List (Canada); ECx - Concentration associated with x% response; EHS - Extremely Hazardous Substance; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; ERG - Emergency Response Guide; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; HMIS - Hazardous Materials Identification System; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; MSHA - Mine Safety and Health Administration; n.o.s. - Not Otherwise Specified; NFPA - National Fire Protection Association; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NTP - National Toxicology Program; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; RCRA - Resource Conservation and Recovery Act; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RQ - Reportable Quantity; SADT - Self-Accelerating Decomposition Temperature; SARA - Superfund Amendments and Reauthorization Act; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative

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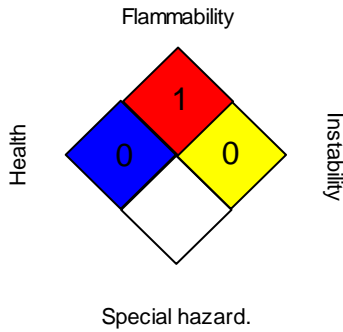
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Further information

NFPA:



HMIS® IV:

HEALTH	/	0
FLAMMABILITY		1
PHYSICAL HAZARD		0

HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. The "*" represents a chronic hazard, while the "/" represents the absence of a chronic hazard.

Revision Date : 02/15/2018

The information provided in this Material Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and re-release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

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