



ARLON

SAFETY DATA SHEET

SECTION 1: PRODUCT IDENTIFICATION

Product Name:	Series 2400/2450/2459, DPF 2400, DPF 2400XLP, IllumiNITE Wrap™
Synonyms:	<i>Series 2400/2450/2459 Only</i> – reflective cut graphic film; Reflecta-Cal <i>DPF 2400/XLP and IllumiNITE Wrap™ Only</i> – Class E Type 1 Engineering Grade reflective film; reflective print media film
Recommended use(s):	Motor and railway coaches, fleet and vehicle markings and any surface requiring reflective vinyl film. General signage & vehicle wraps
Restriction(s) on use:	Do not use on applications requiring regulated reflective films (i.e. ECE 104 Reg. 48 and FMVSS/CMVSS 108)
Manufacturer:	Arlon Graphics, LLC. 200 Boysenberry Lane Placentia, CA 92870 USA (714) 985-6300
Emergency Contact Information:	Kelly Kwo, (714) 985-6300

SECTION 2: HAZARD IDENTIFICATION

When used under reasonable conditions and in accordance with the manufacturer's instructions, this product has no significant health or toxic hazards.

Classification of the substance or mixture	: Combustible films
GHS label elements, including precautionary statements	: No label element(s) required
Other hazards which do not result in classification	: Under United Nations Globally Harmonized System for the Classification and Labeling of Hazardous Chemicals (GHS) this product is exempt from regulation as a manufactured article

Note:

As per 29 CFR 1910.1200(b)(6)(v), these products fall under the definition of "Article" and thus a Hazard Communication (29 CFR 1910.1200) is not required. "Article" means a manufactured item other than a fluid or particle: (i) which is formed to a specific shape or design during manufacture; (ii) which has end use function(s) dependent in whole or in part upon its shape or design during end use; and (iii) which under normal conditions of use does not release more than very small quantities, e.g., minute or trace amounts of a hazardous chemical (as determined under paragraph (d) of this section), and does not pose a physical hazard or health risk to employees (29 CFR 1910.1200(c)).

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Chemical identity	: Retroreflective sheeting/ acrylic adhesive/ silicone coated liner
Common name(s)	: Pressure-sensitive adhesive vinyl film
CAS number and other unique identifiers	: Not applicable

SECTION 4: FIRST-AID MEASURES

Inhalation	: No need for first aid is anticipated
Skin contact	: No need for first aid is anticipated
Eye contact	: No need for first aid is anticipated
Ingestion	: No need for first aid is anticipated

SECTION 5: FIRE-FIGHTING MEASURES

Extinguishing Media	: Class A extinguisher or ABC dry powder or CO ₂ Extinguisher.
Special Precautions	: None known.
Special firefighting procedure	: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin.
Unusual fire & explosion hazard	: No unusual fire or explosion hazards are anticipated.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions, PPEs and emergency procedures	: No special precautions and emergency procedures expected to be necessary if material is used under ordinary conditions and as recommended.
Environmental precautions	: Avoid release to the environment.
Methods and material for containment and cleaning up	: As rolled film this material should not result in spills. However, scrap and excess material should be placed in suitable containers for disposal in a licensed facility.

SECTION 7: HANDLING & STORAGE

Precautions for safe handling	: Keep away from temperatures in excess of 100°C. Use grounding and bonding apparatus when rolling and unrolling material to prevent static discharge.
Conditions for safe storage	: Store in temperatures between 20°C and 25°C and relative humidity of 50%±5% from oxidizing agents.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational exposure limit values	: Not applicable
Personal Protective Equipment	: Not necessary for the intended use and application.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance	: <i>Series 2400/2450/2459 only</i> – various colors of reflective sheeting : <i>DPF 2400/XLP and IllumiNITE Wrap™</i> – reflective white	Upper/lower flammability or explosive limits	: Not Applicable
Odor	: Adhesive odor when the release liner is removed.	Vapor pressure	: Not Applicable
Odor threshold	: Not Applicable	Vapor density	: Not Applicable
pH	: Not Applicable	Relative density	: Not Applicable

Melting point/Freezing point	: Not Applicable	Solubility(ies)	: No data available
Initial boiling point and boiling range	: Not Applicable	Partition coefficient: n-octanol/water	: Not Applicable
Flash point	: Not Applicable	Auto-ignition temperature	: No data available
Evaporation rate	: No data available	Decomposition temperature	: Not Applicable
Flammability (solid, gas)	: Not Applicable	Viscosity	: Not Applicable

SECTION 10: STABILITY & REACTIVITY

Reactivity	: No dangerous reaction known under conditions of normal use.
Chemical stability	: Stable
Possibility of hazardous reactions	: Hazardous polymerization will not occur.
Conditions to avoid	: Avoid excessive heat and open flame
Incompatible materials	: Not known.
Hazardous decomposition products	: Carbon monoxide, carbon dioxide, hydrocarbons and Hydrogen Chloride.

SECTION 11: TOXICOLOGICAL INFORMATION

Information on the likely routes of exposure	: No data available.
Symptoms related to the physical, chemical and toxicological characteristics	: None.
Delayed and immediate effects and also chronic effects from short and long term exposure	: None.
Numerical measures of toxicity	: Not applicable.

SECTION 12: ECOLOGICAL INFORMATION

Toxicity	: Not applicable.
Persistence and degradability	: Not applicable.
Bioaccumulative potential	: Not applicable.
Mobility in soil	: Not mobile
Other adverse effects	: None known

SECTION 13: DISPOSAL CONSIDERATIONS

Product waste	: Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.
Packaging waste	: Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

SECTION 14: TRANSPORT INFORMATION

US Department of Transportation (DOT 49 CFR 172.101)

UN/Identification No	: Not Applicable
UN Proper Shipping Name	: Retroreflective Sheeting
Transport hazard class(es)	: Not Applicable
Packing Group, if applicable	: Not Applicable
Environmental hazards	: Not Applicable. Not known as a marine pollutant per IMDG Code
Special precautions for user	: Not Applicable. Not an IATA Regulated Dangerous Goods.

Transport in Bulk

Annex II of MARPOL 73/78 and the IBC Code	: Not Regulated
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SECTION 15: REGULATORY INFORMATION

Safety Drinking Water & Toxic Enforcement Act, Proposition 65:

⚠ WARNING: These products can expose you to chemicals including vinyl chloride, which is known to the State of California to cause cancer, and toluene, which is known to the State of California to cause birth defects or other reproductive harm. For more information, go to www.P65Warnings.ca.gov.

SECTION 16: OTHER INFORMATION

Revision Date : 8/29/2018

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