

**ARLON**

SAFETY DATA SHEET

SECTION 1: PRODUCT IDENTIFICATION

Product Name	: Series 3310 Overlamine
Other means of identification	: Self-adhesive Thermoplastic Polyurethane Overlamine; PU (Polyurethane); PVC-free; non-PVC
Recommended use	: General signage & vehicle wraps
Restriction(s) on use(s)	: Possible thermal decomposition products: carbon monoxide, carbon dioxide, hydrogen cyanide isocyanates, nitrogen oxides

Manufacturer: Arlon Graphics, LLC.
200 Boysenberry Lane
Placentia, CA 92870 USA
(714) 985-6300

Emergency Contact Information: Josh Nguyen, (714) 985-6300

SECTION 2: HAZARDS IDENTIFICATION

This is a combustible material. This product does not release hazardous ingredients at room temperature for the intended use and application.

Hazard Classification	: Combustible Films
Signal Word	: Not Applicable
Symbols	: Not Applicable
Pictograms	: Not Applicable
Hazard Statement	: Combustible Films

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

Substance	: Polyurethane film/ acrylic adhesive/ silicone coated liner
Common name:	: Pressure Sensitive Adhesive Overlamine Film
Molecular Formula	: Not applicable, (3-layer laminate: PU film, acrylic adhesive, silicone coated paper liner)

CAS No.	: Not Applicable
TSCA Inventory Status	: Not Applicable
NFPA Hazard Rating	: Not Applicable
HMIS Rating	: Not Applicable

SECTION 4: FIRST AID MEASURE

Inhalation	: No need for first aid is anticipated
Skin contact	: In case of minor scratch or cut in skin, keep the area clean and decontaminated. Seek medical attention as you see fit

Eye contact	: In case of minor scratch or cut in eyes, clean eyes with water. Seek medical attention
Ingestion	: This product does not pose any swallowing hazard for its intended use and application

SECTION 5: FIRE FIGHTING MEASURES

Extinguishing Media	: Class A extinguisher or ABC dry powder or CO ₂ Extinguisher.
Special Precautions	: Keep product away from open flames and hot metal surfaces.
Special firefighting procedure	: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin.
Unusual fire & explosion hazard	: Major combustion products include water vapor, carbon dioxide, carbon monoxide, and hydrocarbons as well as trace amounts of barium, zinc, silicone, aluminum and hydrochloric acid.

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 water, heat and flame.
Conditions for safe storage	: Store it in cool and dry place. Keep away from open flames or electrical hazards

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	: Clear adhesive-backed PU film on silicone coated paper	Upper/lower flammability or explosive limits	: Not Applicable
Odor	: PU-like or 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	: 205°C	Solubility	: Not Applicable
Initial boiling point and boiling range	: Not Applicable	Partition coefficient: n-octanol/water	: Not Applicable

Flash point	: <1% by weight	Auto-ignition temperature	: Not Applicable
Evaporation rate	: Not Applicable	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 under intended use at room temperature and pressure.
Possibility of hazardous reactions	: Not known
Conditions to avoid	: Heating film over 300°F (149°C).
Incompatible materials	: Strong acid or strong base
Hazardous decomposition products	: None known.

SECTION 11: TOXICOLOGICAL INFORMATION

Information on the likely routes of exposure	: Typically not applicable.
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.
Interactive effects	: Not applicable
Where specific chemical data are not available	: Not applicable
Mixtures	: Not applicable
Mixture versus ingredient information	: 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

Dispose of in compliance with federal and local regulations.

SECTION 14: TRANSPORT INFORMATION

US Department of Transportation (DOT 49 CFR 172.101)

UN/Identification No	: Not Applicable
UN Proper Shipping Name	: Not Regulated
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: This product can expose you to chemicals including benzene, 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	: 7/13/2020
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