

AVM Industries, Inc.

Safety Data Sheet (SDS)

By

GPL-16

(Green Polyolifin Liner, 16 Mils Thick)

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Emergency: Chemtrec (800) 424-9300

1. PRODUCT IDENTIFICATION

Product Name: AVM GPL-16
Product Code: GPL-16
Chemical Family: Polyethylene Compounds
Chemical Name: Not Applicable
CAS No: Proprietary, XF Film, VF Film, Cross Laminated PE Film, Spiral Cut PE Film,
Synonyms: GPL-16, GPL-16SF, GPL-16DF.
Formula: Proprietary
Technical Information: (818) 888-0050

2. PRODUCT INGREDIENTS

<u>No.</u>	<u>Components</u>	<u>CAS No.</u>	<u>Percent(%)</u>	<u>OSHA PEL</u>
1	Polyethylene	9002-88-4	50-100%	Not established
2	Proprietary	Mixtures	0-50%	Not established

3. PHYSICAL/CHEMICAL PROPERTIES

Physical Form: Solid
Color: Finished films with colors specified
Odor: Insignificant
Boiling Point: Not applicable
Melting Point: 120-130°C
Freezing Point: Not applicable
Solubility in Water: None
Specific Gravity: 0.7- 1.2 (water= 1)
Vapor Density: Not applicable (air= 1)
Evaporation Rate: None (Butyl Acetate= 1)
Vapor Pressure: Not applicable
o/o Volatile: None
pH: Not applicable

The physical data presented above are typical values and should not be construed as a specification.

4. FIRE HAZARD DATA AND FIGHTING METHOD

Flash Point: Not applicable
Autoignition: Not applicable
Flammable Limits
In Air (LEL, %) Not applicable

(UEL,%)	Not applicable
Extinguishing Media:	Dry chemical, carbon dioxide or foam
Special Fire Fighting Procedure:	In the event of a fire, wear NIOSH approved, positive pressure, self-contained breathing apparatus (SCBA) and full protective clothing. Extinguish fires with foam or dry chemical. Do not use waterjet
Unusual Fire and Explosion Hazards:	Avoid accumulation and dispersion of dust to reduce explosion potential. Fire may produce irritating gases and dense smoke.

5. HUMAN HEALTH DATA

Emergency Overview:	Practically nontoxic
Primary Route(s) of Exposure:	Inhalation, Eye, Skin Contact

Potential Health Effects and Symptoms of Over-Exposure Negligible hazard at room temperature under normal use.

Eye Contact:	Solid flake or dust may cause transient irritation as a result of mechanical abrasion.
Skin Contact:	Essentially no irritation to skin. Mechanical injury only. Hot solid may cause thermal burns.
Inhalation:	Exposure to dust at high concentration may cause irritation to respiratory tract
Ingestion:	May cause choking if swallowed.
Medical Conditions Aggravated by Overexposure:	Not expected Product is generally accepted as being biologically inert. No specific antidotal treatment, symptomatic support required.
Carcinogenicity:	NTP: No C: No OSHA: No

6. FIRST AID MEASURES

Eye Contact:	Immediately flush eyes with water for at least 15 minutes. Do not rub the eyes. If Irritation or other symptoms occur, consult a physician.
Skin Contact:	Get medical attention for serious burns. In case of skin contact with hot product, Immediately immerse in or flush with clean, cold water.
Inhalation:	Remove to fresh air. Consult physician if irritation of respiratory passage occurs.
Ingestion:	Consult physician.
Notes to Physician:	No known delayed effects following single exposure.
Other Instructions:	None

7. EXPOSURE CONTROLS, PERSONAL PROTECTION RECOMMENDATIONS

Eye Protection:	Safety glasses
Skin Protection:	Gloves required when handling hot material
Respiratory Protection:	None required in normal use of product NIOSH approved dust mask recommended if dust conditions exist
Engineering Control:	Ventilation Requirements-General General ventilation should be sufficient. However, if operating conditions create High airborne concentrations of this material, special ventilation may be needed. If handling results in dust generation, special ventilation may be needed to ensure that Dust exposure does not exceed the OSHA PEL for nuisance dust
Required Work/Hygiene Procedure:	Minimize contact with skin. Do not eat, drink or smoke in work area. Wash hands Thoroughly after handling, especially before eating drinking, smoking, chewing or using restroom facility. Dusted clothing and shoes should be thoroughly cleaned Before use.

Exposure Guidelines:

No.	COMPONENTS	OSHA-PEL	ACGffi-TLV
1	Polyethylene	None	None

8. ACCIDENTAL RELEASE CONTROL MEASURES

Response to Spills: Not applicable

9. HANDLING AND STORAGE

Handling: Wear safety glasses during cutting and fabricating processes. Electrostatic charge may build up during handling. Grounding of equipment is recommended.

Storage: Store in a dry place and away from direct sunlight.

Container Use: Keep container closed

10. STABILITY AND REACTIVITY

Stability: Stable

Conditions to Avoid: Strong oxidizers

Hazardous

Decomposition: Carbon dioxide, carbon monoxide

Hazardous

Polymerization: Will not occur

11. DISPOSAL CONSIDERATIONS

Disposal Method: It must be disposed of in accordance with Federal, State and local environmental control regulations.

Recycle/Reclaim: Recycling and reclamation of product should be encouraged where possible.

12. TRANSPORT INFORMATION

DOT Shipping Name: Not listed

DOT Label: Not regulated

DOT Hazard Class: Not applicable

UN/NA Number: Not applicable

Hazard Label(s): Not applicable

Hazard Placard(s): Not applicable

Packing Group: Not applicable

Bulk Packaging: Not applicable

RQ: Not applicable

Emergency Response

Guide (ERG) No.: Not applicable

13. TOXICOLOGICAL INFORMATION

The information provided below can be subject to misinterpretation. Therefore, it is essential the following information be interpreted by individuals trained in its evaluation.

Chemical	Toxicity Data
Polyethylene	No toxicology data available Polyethylene is not considered hazardous materials under the OSHA Hazard Communication Standard

14. ECOLOGICAL INFORMATION

No data is available on the adverse effects of this product on the environment. Neither COD or BOD data are available.

15. REGULATORY INFORMATION

FEDERAL REGULATORY INFORMATION

Polyethylene

OSHA Status: None
EPA Clean Air Act Status: None
EPA Clean Water Act Status: None
TSCA Status: All ingredients are listed on TSCA Inventory (40CFR710)
CERCLARQ: None

SARA Title III

Polyethylene

Section 302(i)

None

Section 313 (ii)

None

Section 311/312 (iii)

None

- (i) Reportable quantity of extremely hazardous substance, Sec. 302
planning quantity, extremely hazardous substance, Sec. 302
(ii) Toxic Chemical. Sec 313
Category as required by Sec 313 (40CFR372.65C). Must be used on Toxic Release Inventory form.
(iii) Hazard category for SARA Sec.311/312 reporting H1=acute health hazard, H2=chronic health hazard, P3=fire hazard, P4=sudden release of pressure hazard, PS=reactive hazard

RCRA Status: If disposed of in its purchased form, this would not be a RCRA hazardous waste either by listing or by characteristic. However, under RCRA, it is the responsibility of the product user to determine at the time of disposal whether a material containing the product or derived from the product should be classified as a hazardous waste (40CFR261.20-24).

OTHER REGULATORY INFORMATION

The following chemicals are specifically listed by individual states; other product-specific health and safety data in other sections of the MSDS may also be applicable for state requirements. For details on your regulatory requirements, you should contact the appropriate agency in your state.

State

None

Chemical

Polyethylene

Regulation

None

Product Name: GPL-16, GPL-16SF, GPL-16DF

International

None

16. OTHER INFORMATION

NFPA

Fire-1

Health-0

Reactivity-0

SpecificHazard-None

HMIS

Health- 0

Flammability - 1

Reactivity - 0

Personal Protection Index - E

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