

Safety Data Sheet

Performance Polymers LLC
6639 Schuster St.
Las Vegas, Nevada 89118

Poly 686

ALL CHEMICAL EMERGENCIES
1-800-983-6993

Effective Date: 1/20/23

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1. PRODUCT IDENTIFICATION

Trade Name: Poly 686
Chemical Family: Ethylene – Vinyl Acetate Copolymer
Intended Use: Binder
Appearance: White Fine Powder

NFPA Hazard Classification

Health Hazard: 1
Fire Hazard: 1
Reactivity: 0
Special Hazard:

HMIS Hazard Classification

Health: 1 Slight Hazard
Flammability: 1 Minimal Hazard
Reactivity: 0 Minimal Hazard
Personal Protection:

2. COMPOSITION / INFORMATION ON INGREDIENTS

CAS No.	Name	ACGIH TLV		OSH PEL	AMOUNT
		TWA	STEL		
1332587	Kaolin (Clay)	2 mg/m3	NE	5 mg/m3	10.00 % by wt
24937788	Ethylene Vinyl Acetate Copolymer	NE	NE	NE	90.00 % by wt

Refer to Section 8, subheading "Exposure Guidelines", for additional information concerning exposure limits.

3. HAZARDS IDENTIFICATION

Emergency Overview:

White Powder. Moderate skin irritant. Inhalation of dust may irritate the respiratory system (nose, throat, and lungs). Moderate eye irritant.

Route(s) of Entry: Inhalation, skin and eye contact.

Acute Exposure:

Contact causes moderate skin irritation. Direct contact with this material causes eye irritation. Inhalation of dust may cause irritation to the respiratory tract (nose, throat, and lungs).

Carcinogenicity: This material does not contain 0.1% or more of any chemical listed by the International Agency for Research on Cancer (IARC), the National Toxicology Program (NTP), or regulated by the Occupational Safety and Health Administration (OSHA) as a carcinogen.

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4. FIRST AID MEASURES

Eye Contact: Immediately flush eyes with large quantities of clean water for at least 15 minutes. Get immediate medical attention.

Skin Contact: Wash skin with soap and water. Remove contaminated clothing. Get medical attention if irritation develops or persists. Wash contaminated clothing before reuse.

Ingestion: Do not induce vomiting. Give the victim one or two glasses of water or milk to drink. Never give anything by mouth to an unconscious person. IMMEDIATELY SEEK MEDICAL ATTENTION. In general, no adverse effects are anticipated by this route of exposure incidental to proper industrial handling.

Inhalation: Remove affected individual(s) to fresh air. Keep warm and quiet. If not breathing give artificial respiration. Seek medical attention if breathing difficulty develops.

5. FIRE FIGHTING MEASURES

Flash Point:	> 400 degrees F (> 204 degrees C)
Flammable Limits in Air (Lower):	Not applicable
Flammable Limits in Air (Upper):	Not applicable

General Hazards: Static electric charges created by emptying product from ungrounded containers in or near flammable vapors may cause flash fire.

Fire Fighting Extinguishing Media: Use carbon dioxide, foam, dry chemical or water fog to extinguish fire.

Fire Fighting Equipment: Wear self-contained breathing apparatus (SCBA) and full fire-fighting protective clothing. Thoroughly decontaminate all protective equipment after use.

Fire Fighting Instructions: DO not use water stream or spray on a localized glue pot fire. Water stream or spray may damage nearby energized electrical conductors or conduct electrical energy and present a hazard to personnel and other equipment. See section 13 for disposal considerations.

Fire and Explosion Hazards: When this material is unloaded from a multi-wall paper bag with a polyethylene or foil lining, an electrostatic charge can accumulate and cause a spark that is sufficient to ignite flammable or combustible vapors. Dusts at sufficient concentrations can form explosive mixtures with air.

Hazardous Combustion Products: Combustion may produce carbon monoxide, carbon dioxide and irritating or toxic vapors and gases.

6. ACCIDENTAL RELEASE MEASURES

Accidental Release Measures: Collect material and place in a closed container. Reduce airborne dust and prevent its scattering by moistening (not saturating) the material with water. Remove the material from water surface by skimming *or using* a suitable absorbent. Do not use dispersants.

7. HANDLING AND STORAGE

Signal Word: CAUTION

Hazards and precautions: Avoid prolonged or repeated skin contact. Avoid *eye contact*. Avoid breathing dust. Keep container closed. Use only in well-ventilated areas. Wash thoroughly after handling.

Handling Information: Minimize dust generation and accumulation. Use with adequate ventilation. An eyewash station and a safety shower should be readily accessible to workers wherever this material is stored or used.

Storage Information: Store in a dry area.

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8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Guidelines: The Occupational Safety and Health Administration (OSHA), has established for inert or nuisance dusts, a Permissible Exposure Limit (PEL) of 15 mg/m³, total dust or 5 mg/m³, respirable fraction for an 8 hour Time weighted Average (TWA) as Particulates Not Otherwise Regulated (PNOR). The American Conference of Governmental Industrial Hygienists (ACGIH) have established, for inert or nuisance dusts, Threshold Limit values (TLV) of 10 mg/m³ for inhalable (total) particulate and 3 mg/m³ for respirable particulate based on Particulates Not Otherwise classified (PNOC).

Engineering Controls: Use general ventilation to maintain airborne concentrations to levels that are below regulatory and recommended occupational exposure limits. See occupational exposure limits in Section 2. Local ventilation may be required during certain operations.

Eye Protection: Wear 1) safety glasses with side shields and face shield or 2) goggles and a face shield.

Skin Protection: Nitrile, neoprene®, or rubber gloves should provide protection against contact.

Respiratory Protection: Respiratory protection is not generally required during normal use and handling. The need for respiratory protection should be evaluated if used in poorly ventilated areas or if dusts are generated.

9. PHYSICAL AND CHEMICAL PROPERTIES

Color:	White
Physical State:	Powder
Solubility in Water:	Dispersible
Vapor Pressure:	Non-volatile
Specific Gravity:	< 1 (Water = 1)
Boiling Point:	Not available
Melting Point:	Not Evaluated
Freezing Point:	Not available
Evaporation Rate:	Negligible
% Volatile:	Non-volatile
pH:	Not applicable
Coefficient of water/oil:	Not applicable
Decomposition Temperature:	Not available

10. STABILITY AND REACTIVITY

Stability: This material is stable during storage and during its intended use.

Incompatibility: No incompatibilities have been identified

Hazardous Decomposition Products: Thermal decomposition may produce carbon monoxide, carbon dioxide, and various hydrocarbons.

Hazardous Polymerization: Hazardous polymerization will not occur.

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11. TOXICOLOGICAL INFORMATION

Acute Eye Toxicity: No information is available.

Acute Skin Toxicity: No information is available.

Acute Inhalation Toxicity: No information is available.

Acute Oral Toxicity: No information is available.

Chronic/Carcinogenicity: This material does not contain 0.1% or more of any chemical listed by the International Agency for Research on Cancer (IARC), the National Toxicology Program (NTP), or regulated by the United States Occupational Safety and Health Administration (OSHA) as a carcinogen.

12. ECOLOGICAL INFORMATION

Ecotoxicity: No data is available.

Environmental Fate: No data is available.

13. DISPOSAL CONSIDERATIONS

Waste Disposal Method: Not a RCRA hazardous waste. Disposal of this material is not regulated under RCRA. Consult federal, state and local regulations to ensure that this material and its containers, if discarded, is disposed of in compliance with all regulatory requirements.

RCRA Hazardous Class: NOT A RCRA HAZARDOUS WASTE: When discarded in its purchased form, this material would not be regulated as a RCRA Hazardous waste under 40 CFR 261.

14. TRANSPORT INFORMATION

DOT / IATA / IMDG / TDG: Bulk and Non-Bulk
Proper Shipping Name:

NOT REGULATED

15. REGULATORY INFORMATION

Occupational safety and Health Act (OSHA): This material is not classified as hazardous under the criteria of the US Occupational Safety and Health Administration (OSHA) Hazard Communication Standard, 29 CFR 1910.1200.

SARA Title III: Section 304 – CERCLA: Reportable Quantities have not been established for any of this material's components.

SARA Title III: Section 311/312 – Hazard Communication Standard (HCS): This product is not regulated under Section 311-312 (40 CFR 370).

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SARA Title III: Section 313 Toxic Chemical List (TCL): This product does not contain Section 313 Reportable Ingredients (40 CFR 370).

TSCA Section 8(b) – Inventory Status: All components of this material are listed on the US Toxic Substances Control Act (TSCA) inventory.

TSCA Section 12(b) – Export Notification: This material does not contain any components that are subject to the US Toxic Substances Control Act (TSCA) Section 12(b) Export Notification requirements.

Canadian Inventory Status: All components of this material are listed on the Canadian Domestic Substances List (DSL).

Canadian WHMIS: This material is not classified as a controlled product under the Canadian Workplace Hazardous Material Information System.

California Proposition 65: **W A R N I N G:** This material contains trace amounts of chemicals known to the State of California to cause cancer. The California Safe Drinking Water and Toxic Enforcement Act of 1986 requires that clear the reasonable warning be given prior to exposing any person to this chemical:

Additional Canadian Regulatory Information: This product does not contain a substance present on the WHMIS Ingredient Disclosure List (IDL) which is at or above the specified concentration limit.

16. OTHER INFORMATION

Disclaimer: This information is provided in good faith and is correct to the best of Performance Polymer's Knowledge as of the date hereof and is designed to assist our customers; however, Performance Polymers makes no representation as to its completeness or accuracy. Our products are intended for sale to industrial and commercial customers. We require customers to inspect and test our products before use and to satisfy themselves as to suitability for their specific applications. Any use which Performance Polymers customers or third parties make of this information, or any reliance on, or decisions made based upon it, are the responsibility of such customer or third party. Performance Polymers disclaims responsibility for damages, or liability, of any kind resulting from the use of this information. THERE ARE NO WARRANTIES OR REPRESENTATIONS, EXPRESS OR IMPLIED, INCLUDING THOSE OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE WITH RESPECT TO THIS INFORMATION OR TO THE PRODUCT IT DESCRIBES. IN NO EVENT SHALL PERFORMANCE POLYMERS BE LIABLE FOR SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES.