

Safety Data Sheet

according to Regulation (EC) No 1907/2006, Article 31

Date Printed 18.02.2026

Version 16 (Replaces Version 15)

Revision Date 17.02.2026

Section 1: Identification of the Substance/Mixture and of the Company/Undertaking

- **Product Identifier:** Formolon® Dispersion PVC Homopolymer
 - **Synonyms:** Dispersion/Paste Polyvinyl Chloride Homopolymer
 - **Product Code:** F10, F24A, F28, F34, F34A, F53K, F74, F1071, FKVF, FKVH, FNVA
 - **Relevant Identified Uses of the Substance or Mixture and Uses Advised Against:**
Resin, extrusion and compounding, plastic molding, molded articles, films and coatings.
 - **Manufacturer/Supplier:**
Formosa Plastics Corporation, Texas
201 Formosa Drive
Point Comfort, TX 77978 USA
+1 (361) 987-7000
E-Mail: MSDS@fpcusa.com
 - **European REACH Representative:**
INTERTEK FRANCE
Allée de la Fosse Moret
Eco parc 2
27400 Heudebouville
France
Phone number : +33 2 79 23 03 49
Email address: if.reach@intertek.com
-
- **Emergency Telephone Number:**
In case of a chemical emergency, contact CHEMTREC (24 hrs) at:
+1 (800) 424-9300 (United States, Canada, Puerto Rico, Virgin Islands)
+1 (703) 527-3887 (International & Maritime)

Section 2: Hazards Identification

- **Classification of the Substance or Mixture:**
- **Classification according to Regulation (EC) No 1272/2008**
The product is not classified as hazardous to health or the environment according to the CLP regulation..
- **Hazards Not Otherwise Classified:** Combustible dust. May form combustible dust concentrations in air.
- **Hazard Pictograms:** Not applicable.
- **Signal Word:** Not applicable.
- **Hazard Statements:** May form combustible dust concentrations in air.
- **Precautionary Statements:**
P264 Wash thoroughly after handling.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313 If eye irritation persists: Get medical advice/attention.
- **Additional Information:**
If you do not understand the hazards or safety precautions described in this data sheet, contact your supervisor or safety administrator before handling this product.

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* Section 3: Composition/Information on Ingredients

Dangerous Components:

CAS No.	Description	%	Index	R-phrases
CAS: 9002-86-2	polyvinyl chloride			>95%
CAS: 151-21-3	sodium lauryl sulfate			<1.5%
EINECS: 205-788-1	⚠ Acute Tox. 4, H302; Acute Tox. 4, H312; Skin Irrit. 2, H315; Eye Irrit. 2, H319			
CAS: 127087-87-0	α-(4-nonylphenyl)-ω-hydroxy poly(oxy-1,2-ethanediyl), branched			0.1-1%
NLP: 500-315-8	⚠ Aquatic Acute 1, H400 (M=1); Aquatic Chronic 1, H410 (M=10)			
Index number: 604-100-00-0				

• **Additional information:** CAS number 127087-87-0 is only used in grade F34A.

Section 4: First Aid Measures

- **General Information:** Provide symptomatic and supportive care.
- **After Inhalation:**
Remove victim to fresh air.
Administer oxygen if breathing is difficult.
Administer artificial respiration if breathing has stopped.
Get medical assistance if irritation or other symptoms develop.
- **After Skin Contact:**
Wash affected area with soap and water.
Get medical assistance if irritation or other symptoms develop.
- **After Eye Contact:**
In case of accidental contact, immediately flush eyes with water.
Hold eyelids open to ensure adequate flushing.
Get medical advice/attention.
- **After Swallowing:**
Administer 1-2 glasses of water to dilute ingested material.
Never give anything by mouth to an unconscious person.
Get medical advice/attention.
- **Most Important Symptoms and Effects, Both Acute and Delayed:** No further relevant information available.

Section 5: Firefighting Measures

- **Suitable Extinguishing Agents:** CO₂, powder or water spray. Fight larger fires with water spray.
- **Special Hazards Arising from the Substance or Mixture:**
Combustible dust. May form combustible dust concentrations in air.
- **Dust Explosivity (Kst) Rating:** St 1 - Weak to moderate explosive dust (Kst = 0-200 bar-meter/second)

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- **Advice for Firefighters:**

- **Protective Equipment:**

In the event of a fire, wear a NIOSH (USA) or CEN (EU) approved self-contained breathing apparatus (SCBA) and full protective clothing.

* Section 6: Accidental Release Measures

- **Personal Precautions, Protective Equipment and Emergency Procedures:**

Avoid formation of dust.

Restrict access to keep out unauthorized or unprotected personnel.

Wear appropriate personal protective equipment during all clean-up activities. See Section 8 for more information.

Avoid inhalation and direct contact.

- **Environmental Precautions:** Keep spilled material out of sewage/drainage systems and waterways.

- **Methods and Material for Containment and Cleaning Up:**

Collect spilled material using a method that controls dust generation such as a high efficiency particulate air (HEPA) vacuum.

Place waste in an appropriate container for disposal.

Use care during clean-up to avoid exposure to the material and injury from broken containers.

Remove spilled material from the top of the car/truck before leaving the containment area. Keep storage silos, tanks and containers in good condition to avoid leaks. Place collecting trays under discharge/loading valves and connecting points.

- **Reference to Other Sections:**

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

* Section 7: Handling and Storage

- **Precautions for Safe Handling:**

Avoid inhalation and direct contact.

Avoid formation of dust.

Accumulations of dust should be removed from settling areas.

Follow good engineering and work practices, including routine housekeeping.

Promptly clean up spills to avoid slip and fall hazard.

Ensure adequate measures and equipment for spill prevention and proper disposal practices. Use packaging designed to minimize the possibility of breakage and pellet leakage. Maintain loading/unloading and transfer equipment with functioning seals. Conveying equipment should be appropriate for the task and maintained in good condition. Use properly designed and sized dust collection equipment in all operations that generate or release plastic dust.

- **Protection Against Fires and Explosions:**

Dust can combine with air to form an explosive mixture.

Keep away from heat, sparks, open flames and hot surfaces. No smoking.

Take precautions against static discharge.

Transfer and store in properly bonded and grounded containers.

To determine required precautions, consult applicable standards such as NFPA 660, Standard for Combustible Dusts and Particulate Solids, and NFPA 499, Recommended Practice for the Classification of Combustible Dusts and of Hazardous (Classified) Locations for Electrical Installations in Chemical Process Areas.

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- **Conditions for Safe Storage, Including Any Incompatibilities:**

Store in closed, properly labeled containers.

Protect containers from heat, physical damage, ignition sources and incompatible materials.

Have emergency equipment for fires and spills readily available.

- **Additional Information:**

If you do not understand the hazards or safety precautions described in this data sheet, contact your supervisor or safety administrator before handling this product.

- **Specific End Uses:** Resin, extrusion and compounding, plastic molding, molded articles, films and coatings.

Section 8: Exposure Controls/Personal Protection

- **Control Parameters:** Use occupational exposure limits for dust when controlling exposure to this product.

- **Occupational Exposure Limits:**

Use occupational exposure limits for dust when controlling exposure to this product.

- **Exposure Controls:** Use local exhaust ventilation during dust or mist producing operations.

- **Individual protection measures, such as personal protective equipment**

- **General protective and hygienic measures:**

Wash thoroughly after handling.

Avoid contact with the eyes and skin.

- **Respiratory protection:**

An air-purifying respirator may be appropriate under limited exposure conditions.

Protection provided by air-purifying respirators is limited.

An industrial hygiene risk assessment is required to determine appropriate respiratory protection.

- **Hand protection**



Work gloves.

- **Eye/face protection**



Safety glasses with side shields.

- **Body protection:** Protective work clothing

- **Additional Information:**

If unusual exposures are expected, an industrial hygiene review of work practices, engineering controls and personal protective equipment is recommended.

Section 9: Physical and Chemical Properties

- **Information on Basic Physical and Chemical Properties:**

- **Physical state**

Solid

- **Colour:**

White

- **Odour:**

Odourless

- **Odour Threshold:**

Not determined

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· Melting Point/Freezing Point:	Not determined.
· Boiling Point or Initial Boiling Point and Boiling Range:	Not determined.
· Flammability:	Not determined
· Lower and Upper Explosion Limit:	
· Lower:	Not determined
· Upper:	Not determined
· Flash Point:	Not applicable
· Ignition Temperature:	Not determined.
· Decomposition Temperature:	Not determined
· pH:	Not determined
· Viscosity:	Not determined.
· Solubility:	
· Water:	Insoluble.
· Partition Coefficient n-octanol/water (log value):	Not determined
· Vapour Pressure:	Not determined
· Density and/or relative density	
· Density:	Not determined
· Vapour Density:	Not applicable
· Particle characteristics	See section 3.
· Other Information:	
· Physical State:	Powder
· Auto-Ignition Temperature:	Not determined
· Explosive Properties:	Combustible dust. May form combustible dust concentrations in air.
· Evaporation Rate:	Not determined
· Information with regard to physical hazard classes	
· Explosives	Not determined
· Flammable gases	Not determined.
· Aerosols	Not determined
· Oxidising gases	Not determined
· Gases under pressure	Not determined
· Flammable liquids	Not determined
· Flammable solids	Not determined
· Self-reactive substances and mixtures	Not determined
· Pyrophoric liquids	Not determined
· Pyrophoric solids	Not determined
· Self-heating substances and mixtures	Not determined
· Substances and mixtures, which emit flammable gases in contact with water	Not determined
· Oxidising liquids	Not applicable.
· Oxidising solids	not applicable.
· Organic peroxides	Not determined
· Corrosive to metals	Not determined
· Desensitised explosives	Not determined.

Section 10: Stability and Reactivity

- **Reactivity:** No further relevant information available.

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- **Chemical Stability:** Stable if used and stored according to the specifications listed below.
 - **Conditions to Avoid:** Keep away from heat, sparks and open flames.
 - **Possibility of Hazardous Reactions:** No dangerous reactions known.
 - **Incompatible Materials:** No further relevant information available.
 - **Hazardous Decomposition Products:** No data available.
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* Section 11: Toxicological Information

- **Acute Toxicity:** This product is not acutely toxic.
 - **Skin Corrosion/Irritation:** Based on available data, the classification criteria are not met.
 - **Serious Eye Damage/Irritation:**
Causes eye irritation.
Eye irritant effects are based on extrapolation from the hazards of the ingredients combined with FPC USA's experience during occupational handling.
 - **Respiratory Irritation:** May cause respiratory irritation.
 - **Respiratory or Skin Sensitisation:** No data available.
 - **Subacute to Chronic Toxicity:** No data available.
 - **Carcinogen Classification:**
 - **Substances Classified by IARC (International Agency for Research on Cancer):**
9002-86-2 polyvinyl chloride: 3
 - **Endocrine Disrupting Properties:**
127087-87-0 α -(4-nonylphenyl)- ω -hydroxy poly(oxy-1,2-ethanediyl), branched: List I
-

* Section 12: Ecological Information

- **Aquatic Toxicity:** No data available.
 - **Persistence and Degradability:** No data available.
 - **Bioaccumulative Potential:** No data available.
 - **Endocrine Disrupting Properties:** For information on endocrine disrupting properties see section 11.
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* Section 13: Disposal Considerations

- **Disposal Instructions:**
Dispose of waste in accordance with applicable laws and regulations.
Maximize product recovery for reuse or recycling.
Identify potential sources of synthetic polymer microparticles (SPM) emissions during handling, use, transport, and disposal of this material and ensure measures are in place to minimize the potential SPM emissions to the environment.
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Section 14: Transport Information

- **UN number or ID number**
- **ADR, ADN, IMDG, IATA** Not applicable.

- **UN Proper Shipping Name:**
- **ADN, IMDG, IATA** Not applicable.

- **Transport Hazard Class(es):**
- **ADR, ADN, IMDG, IATA**
- **Class** Not applicable.

- **Packing Group:**
- **ADR, IMDG, IATA** Not applicable.

- **Environmental Hazards:** Not applicable

- **Maritime Transport in Bulk According to IMO Instruments:** Not applicable

- **Transport/Additional information:** This product is not regulated as a hazardous material/dangerous good for transportation.
- **UN "Model Regulation":** Not applicable.

* Section 15: Regulatory Information

- **Safety, Health and Environmental Regulations/Legislation Specific for the Substance or Mixture:**
- **Hazard Pictograms:** Not applicable.
- **Signal Word:** Not applicable
- **Hazard Statements:** Combustible dust. May form combustible dust concentrations in air.
- **Precautionary Statements:**
 - P264 Wash thoroughly after handling.
 - P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 - P337+P313 If eye irritation persists: Get medical advice/attention.

- **Directive 2012/18/EU:**
- **Named Dangerous Substances - ANNEX I:** None of the ingredients is listed.
- **List of Substances Subject to Authorisation (Annex XIV):**
 - 127087-87-0 α -(4-nonylphenyl)- ω -hydroxy poly(oxy-1,2-ethanediyl), branched: Sunset date: 2021-01-04
- **REGULATION (EC) No 1907/2006 ANNEX XVII**
- **Additional information on Entry 78**
 - The synthetic polymer microparticles supplied are subject to conditions laid down by entry 78 of Annex XVII to Regulation (EC) No 1907/2006 of the European Parliament and of the Council. For industrial use only.
 - Concentration of synthetic polymer microparticles: 100% by weight.
 - Polymer identity: Polymers of ethylene, in primary forms. See Sec. 1.

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Instructions for Use and Disposal: Do not sweep pellets/material into the water. For instructions on handling of waste material see Section 6, 7, and 13.

- **Regulation (EU) No 649/2012:**

127087-87-0 α -(4-nonylphenyl)- ω -hydroxy poly(oxy-1,2-ethanediyl), branched: Annex I Part 1
Annex I Part 2

- **Directive 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment – Annex II**

None of the ingredients is listed.

- **Substances of Very High Concern (SVHC) According to REACH, Article 57:**

127087-87-0 α -(4-nonylphenyl)- ω -hydroxy poly(oxy-1,2-ethanediyl), branched

- **Chemical Safety Assessment:** A Chemical Safety Assessment has not been carried out.

Section 16: Other Information

This information is furnished without warranty, expressed or implied, except that it is accurate to the best knowledge of Formosa Plastics Corporation, U.S.A. at the time it was prepared. Formosa Plastics Corporation, U.S.A. does not assume any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, Formosa Plastics Corporation, U.S.A. and its subsidiaries cannot guarantee that these are the only hazards that exist. Formosa Plastics Corporation, U.S.A. assumes no legal responsibility for loss, damage or expense arising out of, or in any way connected with, the handling, storage, use or disposal of this product.

- **Relevant phrases**

H302 Harmful if swallowed.
H312 Harmful in contact with skin.
H315 Causes skin irritation.
H319 Causes serious eye irritation.
H400 Very toxic to aquatic life.
H410 Very toxic to aquatic life with long lasting effects.

- **Department Issuing Safety Data Sheet:** Corporate Environment, Safety, & Communications

- **Version number of previous version:** 15

- **Abbreviations and Acronyms:**

ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)
IMDG: International Maritime Code for Dangerous Goods
IATA: International Air Transport Association
GHS: Globally Harmonised System of Classification and Labeling of Chemicals
EINECS: European Inventory of Existing Commercial Chemical Substances
ELINCS: European List of Notified Chemical Substances
CAS: Chemical Abstracts Service (division of the American Chemical Society)
SVHC: Substances of Very High Concern
Acute Tox. 4: Acute toxicity – Category 4
Skin Irrit. 2: Skin corrosion/irritation – Category 2
Eye Irrit. 2: Serious eye damage/eye irritation – Category 2
Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1
Aquatic Chronic 1: Hazardous to the aquatic environment - long-term aquatic hazard – Category 1

- **Sources**

* - Indicates that data has been updated from the previous version.

This Safety Data Sheet conforms to regulation 1907/2006/EC (REACH). This product has been classified in accordance with European CLP regulations (1272/2008/EC, Regulation (EU) 2024/2865).