# Safety Data Sheet

**according to OSHA HCS, NOM 018-STPS-2015, HPR Schedule 1**

Date Printed: 06/08/2026 Version 12 Revision Date: 06/08/2026

## * 1 Identification of the Substance/Mixture and of the Company/Undertaking

· **Product Identifier: Formolon® Suspension PVC Homopolymer Resin**

· **Synonyms:** Polyvinyl Chloride Homopolymer

· **Product Code:**
Active Grades: 608, 614, 616K, 622, 622E, 622F, 622R, 622S, 676, 676A, 676H, 680, 680A, 680H, 685, 685A, 690, 690F. Inactive Grades: 622W, 680M

· **CAS Number:**
9002-86-2

· **Product Application:** 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
.
Formosa Plastics Corporation, Louisiana
P.O. Box 271
Baton Rouge, LA 70821 USA
+1 (225) 356-3341
E-Mail: MSDS@fpcusa.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)

## 2 Hazards Identification

· **Classification of the Substance or Mixture:**
This material is not classified as hazardous according to the U.S. hazard communication standard.

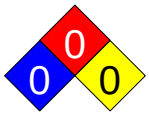
The product is not classified according to the Globally Harmonized System (GHS) for classification and labeling of chemicals.

· **Hazard Pictograms:** Not applicable.

· **Signal Word:** Not applicable.

· **Hazard Statements:** Not applicable

· **NFPA Ratings (scale 0 - 4):**




Health = 0
Fire = 0
Reactivity = 0

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· **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.

## 3 Composition/Information on Ingredients

· **Substances:**
· **CAS No. Description**
9002-86-2 polyvinyl chloride

## 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 artifical 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 assistance if irritation or other symptoms develop.

· **After Swallowing:**
Administer 1-2 glasses of water to dilute ingested material.
Never give anything by mouth to an unconscious person.
Get medical attention.

· **Most Important Symptoms and Effects:** No further relevant information available.

## 5 Firefighting Measures

· **Suitable Extinguishing Agents:**
CO2, extinguishing powder or water spray. Fight larger fires with water spray.

· **Special Firefighting Hazards:** No special firefighting hazards expected.

· **Dust Explosivity (Kst) Rating:** St 0 - Non-explosive dust (Kst = 0 bar-meter/second)

· **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.

· **Additional Information:**
Formosa Plastics Corporation, U.S.A. conducted dust combustibility testing on Formolon® PVC homopolymer resin as supplied. Test results showed that PVC homopolymer resin with a particle size of approximately 120-130 µm is not combustible. PVC resin with a smaller particle size may have different combustibility characteristics.



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## 6 Accidental Release Measures

· **Personal Precautions, Protective Equipment and Emergency Procedures:**
Avoid dust formation.
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 for Containment and Clean-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.

· **Reference to Other Sections:**
See Section 7 for information on safe handling.
See Section 8 for information on personal protective equipment.
See Section 13 for disposal information.

## 7 Handling and Storage

· **Precautions for Safe Handling:**
Avoid inhalation and direct contact.
Avoid dust formation.

· **Protection Against Fires and Explosions:**
Keep away from heat, sparks, open flames and hot surfaces. No smoking.

· **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.

## 8 Exposure Controls/Personal Protection

· **Occupational Exposure Limits:**

**9002-86-2 polyvinyl chloride**

PEL (USA) Eight-Hour Value 15* mg/m³
*as total dust; 5 mg/m3 as respirable dust

TLV (USA) Eight-Hour Value 1* mg/m³
*as respirable dust

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

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· **Personal Protective Equipment:**

· **General Protective and Hygienic Measures:** Wash thoroughly after handling.

· **Respiratory Protection:**
An industrial hygiene risk assessment is required to determine appropriate respiratory protection.
An air-purifying respirator may be appropriate under limited exposure conditions.

· **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.

## 9 Physical/Chemical Properties

· **Information on Basic Physical and Chemical Properties**

· **Appearance:**

| | |
|---|---|
| **Physical State:** | Powder |
| **Color:** | White |
| · **Odor:** | Odorless under normal conditions. Resin may develop a slight odor if allowed to sit in an unventilated container for prolonged periods of time. |
| · **Odor Threshold:** | Not determined |
| · **pH:** | Not applicable |
| · **Melting Point/Freezing Point:** | Not determined. |
| · **Boiling Point:** | Not determined. |
| · **Flash Point:** | Not applicable |
| · **Flammability:** | Product is not flammable. |
| · **Autoignition Temperature:** | Not determined. |
| · **Auto-Ignition Temperature:** | Not determined |
| · **Explosion Limits:** | |
| **Lower Explosive Limit (LEL):** | Not applicable. |
| **Upper Explosive Limit (UEL):** | Not applicable. |

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| | |
|---|---|
| · **Vapor Pressure:** | Not determined |
| · **Density:** | Not determined |
| · **Vapor Density:** | Not applicable |
| · **Evaporation Rate:** | Not determined |
| · **Solubility:** | |
| **Water:** | Insoluble. |
| · **Partition Coefficient (n-octanol/water):** | Not determined |
| · **Viscosity:** | Not determined. |
| · **Other Information:** | No further relevant information available. |

## 10 Stability and Reactivity

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

· **Chemical Stability:** Stable under anticipated conditions of use.

· **Conditions to Avoid:**
Avoid dust formation.
Keep away from heat, sparks and open flames.

· **Possibility of Hazardous Reactions/Incompatible Materials:** No dangerous reactions known.

· **Hazardous Decomposition Products:** No data available.

## 11 Toxicological Information

· **Acute Toxicity:** Based on available data, the classification criteria are not met.

· **Skin Irritation:** Not expected to cause skin irritation.

· **Eye Irritation:** Mechanical eye irritation.

· **Respiratory Irritation:** May cause respiratory irritation.

· **Respiratory or Skin Sensitization:** No sensitizing effects known.

· **Additional Toxicological Information** The substance is not subject to classification.

· **Carcinogen Classification:**

· **Substances Classified by IARC (International Agency for Research on Cancer):** 3

· **Information on Other Hazards:**

· **Endocrine Disrupting Properties:** Substance is not listed.

## 12 Ecological Information

· **Persistence and Degradability:** No data available.

· **Bioaccumulative Potential:** No data available.

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· **Mobility in Soil:** No further relevant information available.

· **Endocrine Disrupting Properties:**
The product does not contain substances with endocrine disrupting properties.

## 13 Disposal Considerations

· **Disposal Instructions:**
Dispose of waste in accordance with applicable laws and regulations.
Maximize product recovery for reuse or recycling.

## 14 Transport Information

· **UN Number:**

· **DOT, ADR, IMDG, IATA** Not applicable.

· **UN Proper Shipping Name:**

· **DOT, ADR, IMDG, IATA** Not applicable.

· **Transport Hazard Class(es):**

· **DOT, ADR, IMDG, IATA**

· **Class:** Not applicable.

· **Packing Group:**

· **DOT, ADR, IMDG, IATA** Not applicable.

· **Environmental Hazards:** Not applicable

· **Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:** Not applicable

· **Additional Information:** This material is not hazardous for transportation.

· **UN "Model Regulation":** Not applicable.

## 15 Regulatory Information

· **Safety, health and environmental regulations/legislation specific for the substance or mixture**

· **U.S. Superfund Amendments & Reauthorization Act (SARA) 355 (Extremely Hazardous Substances):**
Substance is not listed.

· **U.S. Superfund Amendments & Reauthorization Act (SARA) 313 (Specific Toxic Chemical Listings):**
Substance is not listed.

· **U.S. Toxic Substances Control Act (TSCA):** Substance is listed.
· **Hazardous Air Pollutants** Substance is not listed.

· **California Proposition 65 Carcinogens:**
PVC resin contains minor amounts (< 1 ppm on average; 0.0001%) of residual vinyl chloride monomer. Vinyl chloride is listed as a carcinogen under Proposition 65.

75-01-4 vinyl chloride

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· **New Jersey Right-to-Know List:** Substance is listed.

· **New Jersey Special Hazardous Substance List:** Substance is not listed.

· **Pennsylvania Right-to-Know List:** Substance is not listed.

· **Pennsylvania Special Hazardous Substance List:** Substance is not listed.

· **Carcinogen Categories:**

· **ACGIH (American Conference of Governmental Industrial Hygienists) Carcinogens:** A4

· **Canadian Substance Listings:**

· **Canadian Domestic Substances List (DSL):** Substance is listed.

· **Canadian Non-Domestic Substances List (NDSL)** Substance is not listed.

· **Canadian Ingredient Disclosure List (limit 0.1%)** Substance is not listed.

· **Canadian Ingredient Disclosure List (limit 1%):** Substance is not listed.

· **GHS Label Elements:** Not Applicable

· **Hazard Pictograms:** Not applicable.

· **Signal Word:** Not Applicable

· **Hazard Statements:** Not applicable

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

## 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.

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

· **Abbreviations & 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
DOT: US Department of Transportation
IATA: International Air Transport Association
CAS: Chemical Abstracts Service (division of the American Chemical Society)
NFPA: National Fire Protection Association (USA)
TLV: Threshold Limit Value
PEL: Permissible Exposure Limit
REL: Recommended Exposure Limit

· **Sources & References:** * - Indicates that data has been updated from the previous version.