Safety Data Sheet

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

Date Printed 08.06.2026 Version 12 (Replaces Version 11) Revision Date 08.06.2026

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

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

· **Synonyms:** Polyvinyl Chloride Homopolymer

· **Article Number:**
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

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

· **European REACH Representative:**
INTERTEK FRANCE
Allée de la Fosse Moret
Ecological park 2
27400 Heudebouville
France
Telephone 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**
This product is not classified as hazardous according to the European CLP regulation.

· **Hazard Pictograms:** Not applicable.

· **Signal Word:** Not applicable.

· **Hazard Statements:** Not applicable

(Contd. on page 2)

Safety Data Sheet

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

Date Printed 08.06.2026 Version 12 (Replaces Version 11) Revision Date 08.06.2026

Product Identifier: Formolon® Suspension PVC Homopolymer Resin

(Contd. of page 1)

· **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.

Section 3: Composition/Information on Ingredients

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

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 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 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:** No special firefighting hazards expected.

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

· **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.

· **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.

(Contd. on page 3)

Safety Data Sheet

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

Product Identifier: Formolon® Suspension PVC Homopolymer Resin

(Contd. of page 2)

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.
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:**
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.

Section 8: Exposure Controls/Personal Protection

· **Control Parameters:**

· **Occupational Exposure Limits:** Not required.

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

(Contd. on page 4)

Safety Data Sheet

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

Date Printed 08.06.2026 Version 12 (Replaces Version 11) Revision Date 08.06.2026

Product Identifier: Formolon® Suspension PVC Homopolymer Resin

(Contd. of page 3)

· **Individual protection measures, such as 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.

Section 9: Physical and Chemical Properties

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

· **Colour:**	White
· **Odour:**	Odorless under normal conditions. Resin may develop a slight odor if allowed to sit in an unventilated container for prolonged periods of time.
· **Odour Threshold:**	Not determined
· **Melting Point/Freezing Point:**	Not determined.
· **Boiling Point or Initial Boiling Point and Boiling Range:**	Not determined.
· **Flammability:**	Product is not flammable.
· **Lower and Upper Explosion Limit:**	
· **Lower:**	Not applicable.
· **Upper:**	Not applicable.
· **Flash Point:**	Not applicable
· **Ignition Temperature:**	Not determined.
· **pH:**	Not applicable
· **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

(Contd. on page 5)

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

Date Printed 08.06.2026 Version 12 (Replaces Version 11) Revision Date 08.06.2026

Product Identifier: Formolon® Suspension PVC Homopolymer Resin

(Contd. of page 4)

· **Particle characteristics**	See section 3.
· **Other Information:**	No further relevant information available.
· **Physical State:**	Powder
· **Auto-Ignition Temperature:**	Not determined
· **Explosive Properties:**	Product does not present an explosion hazard.
· **Organic solvents:**	0.0 %
· **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 determined
· **Oxidising solids**	Not determined
· **Organic peroxides**	Not determined
· **Corrosive to metals**	Not determined
· **Desensitised explosives**	Not determined.
	Not determined

Section 10: Stability and Reactivity

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

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

· **Conditions to Avoid:**
Avoid formation of dust.
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.

Section 11: Toxicological Information

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

· **LD/LC50 values relevant for classification:**

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

(Contd. on page 6)

Safety Data Sheet

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

Date Printed 08.06.2026 Version 12 (Replaces Version 11) Revision Date 08.06.2026

Product Identifier: Formolon® Suspension PVC Homopolymer Resin

(Contd. of page 5)

· **Serious Eye Damage/Irritation:** Mechanical eye irritation.

· **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):** 3

· **Information on Other Hazards:**

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

Section 12: Ecological Information

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

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

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

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

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.

Section 14: Transport Information

· **UN number or ID number**

· **ADR, IMDG, IATA** Not applicable.

· **UN Proper Shipping Name:**

· **ADR, IMDG, IATA** Not applicable.

· **Transport Hazard Class(es):**

· **ADR, IMDG, IATA**

· **Class** Not applicable.

· **Packing Group:**

· **ADR, IMDG, IATA** Not applicable.

· **Environmental Hazards:** Not applicable

(Contd. on page 7)

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

(Contd. of page 6)

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

· **Transport/Additional information:** This material is not hazardous 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:** Not applicable

· **Directive 2012/18/EU:**

· **Named Dangerous Substances - ANNEX I:** Substance is not listed.
· **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 vinyl chloride, in primary forms. See Sec. 1.

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.

· **Directive 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment – Annex II**
Substance is not listed.

· **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.

· **Department Issuing Safety Data Sheet:** Corporate Environment, Safety, & Communications
· **Version number of previous version:** 11

· **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

(Contd. on page 8)

Safety Data Sheet

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

Product Identifier: Formolon® Suspension PVC Homopolymer Resin

(Contd. of page 7)

GHS: Globally Harmonised System of Classification and Labeling of Chemicals
CAS: Chemical Abstracts Service (division of the American Chemical Society)
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent

· **Sources**

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).

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