

## Safety Data Sheet

according to 1907/2006/EC, Article 31

Date Printed: 06/02/2015

Version 3

Date Reviewed: 06/02/2015

### 1: Product Identification

- **Product Name:** Formolon® Polyvinyl Chloride/Butyl Acrylate Copolymer
  - **Synonyms:** PVC-Acrylic Copolymer
  - **Product Code:** F48
  - **CAS Number:**  
25702-34-5
  - **Product Use:** Resin, extrusion and compounding, plastic molding, molded articles, films and coatings.
  - **Manufacturer/Supplier:**  
Formosa Plastics Corporation, Delaware  
780 Schoolhouse Road  
Delaware City, DE 19706 USA  
+1 (302) 836-2200  
E-Mail: MSDS@fpcusa.com
  - **Business Division:** Specialty (Dispersion) PVC
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- **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: Hazard(s) Identification

- **Hazard Classification:**  
H320 Causes eye irritation.
  - **Other Hazards:** Combustible dust. Suspended airborne dust may form explosive mixtures with air.
  - **Signal Word:** WARNING
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- **NFPA Ratings (scale 0 - 4):**



- **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

- **Chemical Characterization: Substances**
- **CAS No. Description**  
25702-34-5 polyvinyl chloride-butyl acrylate copolymer

### 4: First Aid Measures

- **General information:** Provide symptomatic and supportive care.

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

- **Suitable Extinguishing Agents:**  
CO<sub>2</sub>, extinguishing powder or water spray. Fight larger fires with water spray.
  - **Special Firefighting Hazards:**  
Combustible dust. Suspended airborne dust may form explosive mixtures with air.
  - **Dust Explosivity (Kst) Rating:** St 1 - Weak to moderate explosive dust (Kst = 0-200 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.
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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.
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### 7: Handling and Storage

- **Precautions for Safe Handling:**  
Avoid inhalation and direct contact.  
Avoid dust formation.
- **Conditions for Safe Storage:**  
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:**  
**25702-34-5 polyvinyl chloride-butyl acrylate copolymer**  
PEL (USA) Eight-Hour Value: 15\* mg/m<sup>3</sup>  
\*as total dust; 5 mg/m<sup>3</sup> as respirable dust  
TLV (USA) Eight-Hour Value: 10\* mg/m<sup>3</sup>  
\*as total dust; 3 mg/m<sup>3</sup> as respirable dust
- **Engineering Controls:** Use local exhaust ventilation during dust or mist producing operations.
- **General Protective and Hygienic Measures:** Wash thoroughly after handling.
- **Respiratory Protection:**  
An air-purifying respirator may be appropriate under limited exposure conditions.  
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.

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## 9: Physical/Chemical Properties

- **Form:** Powder
  - **Color:** White
  - **Odor:** Odorless
  - **pH Value:** Not determined.
  - **Melting Point:** Not determined.
  - **Flash Point:** Not applicable.
  - **Vapor Pressure:** Not determined.
  - **Density:** Not determined.
  - **Solubility in Water:** Insoluble.
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## 10: Stability and Reactivity

- **Chemical Stability/Reactivity:** Stable if used and stored according to the specifications listed below.
  - **Thermal Decomposition/Conditions to be Avoided:** Keep away from heat, sparks and open flames.
  - **Possibility of Hazardous Reactions/Incompatible Materials:** No dangerous reactions known.
  - **Hazardous Decomposition Products:** No data available.
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## 11: Toxicological Information

- **Acute Toxicity:**
  - **Eye Irritation:** Causes eye irritation.
  - **Respiratory Irritation:** May cause respiratory irritation.
  - **Sensitization/Allergic Reaction:** No sensitizing effects known.
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## 12: Ecological Information

- **Aquatic Toxicity:** No data available.
  - **Persistence and Degradability:** No data available.
  - **Bioaccumulative Potential:** No data available.
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## 13: Disposal Considerations

- **Disposal Instructions:**  
Dispose of waste in accordance with applicable laws and regulations.  
Maximize product recovery for reuse or recycling.
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### 14: Transport Information

- **Additional Information:** This product is not regulated as a hazardous material/dangerous good for transportation.

### 15: Regulatory Information

- **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.
- **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
- **Canadian Domestic Substances List (DSL):**  
Substance is listed.
- **Canadian Ingredient Disclosure List (limit 0.1%)**  
Substance is not listed.
- **Canadian Ingredient Disclosure List (limit 1%):**  
Substance is not listed.
- **Hazard Pictograms:** Not Applicable
- **Signal Word:** WARNING
- **Hazard Statements:** H320 Causes eye irritation.
- **Other Hazards:** Combustible dust. Suspended airborne dust may form explosive mixtures with 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 attention.

### 16: Other Information

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

· **Sources & References:**

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) and the U.S. Hazard Communication standard (29 CFR 1910.1200).

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

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