

## Safety Data Sheet

according to 1907/2006/EC, Article 31

Date Printed: 03/23/2015

Version 2

Date Reviewed: 03/11/2015

### 1: Product Identification

- **Product Name:** Formolene® Polypropylene Homopolymer
- **Synonyms:** 1-propene homopolymer, PP-HP
- **Product Code:** 1----, 4----, 5----
- **CAS Number:**  
9003-07-0
- **Product Use:** 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
- **Business Division:** Polypropylene
- **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:**  
The product is not classified according to the Globally Harmonized System (GHS) for classification and labeling of chemicals.
- **Other Hazards:** Molten material may cause thermal burns.
- **Signal Word:** Not Applicable
- **NFPA Ratings (scale 0 - 4):**  
  
Health = 0  
Fire = 1  
Reactivity = 0
- **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**  
9003-07-0 polypropylene

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## 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:**  
After contact with the molten product, cool rapidly with cold water.  
Do not pull solidified product away from the skin.  
Get medical attention.
- **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.

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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:**  
Product is supplied as pellets. If product is milled or ground, dust may form an explosive atmosphere when dispersed in air.
- **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:**  
Wear appropriate personal protective equipment during all clean-up activities. See Section 8 for more information.
- **Environmental Precautions:** Keep spilled material out of sewage/drainage systems and waterways.
- **Methods for Containment and Clean-Up:**  
Collect spilled material mechanically.  
Place waste in an appropriate container for disposal.

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## 7: Handling and Storage

- **Precautions for Safe Handling:** No special measures required.

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- **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.

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### 8: Exposure Controls/Personal Protection

- **Occupational Exposure Limits:** Not applicable.

- **Engineering Controls:** None required under normal conditions of use.

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

- **Respiratory Protection:** None required under normal conditions of use.

- **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:** Solid
- **Color:** White
- **Odor:** Odorless
- **pH Value:** Not determined.
- **Melting Point:** 130 °C (266 °F)
- **Flash Point:** 422 °C (792 °F)
- **Autoignition Temperature:** 425 °C (797 °F)
- **Lower Explosive Limit (LEL):** 425 °C
- **Vapor Pressure:** Not determined.

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- **Density at 20 °C (68 °F):** 0.9 g/cm<sup>3</sup> (7.511 lbs/gal)
  - **Solubility in Water:** Insoluble.
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## 10: Stability and Reactivity

- **Chemical Stability/Reactivity:** Stable under anticipated conditions of use.
  - **Possibility of Hazardous Reactions/Incompatible Materials:** No dangerous reactions known.
  - **Hazardous Decomposition Products:** No dangerous decomposition products known.
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## 11: Toxicological Information

- **Acute Toxicity:**
  - **Skin Irritation:** Not expected to cause skin irritation.
  - **Eye Irritation:** Mechanical eye irritation.
  - **Sensitization/Allergic Reaction:** No sensitizing effects known.
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## 12: Ecological Information

- **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.
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## 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.
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**· California Proposition 65 Carcinogens:**

Substance is not listed.

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**· Canadian Domestic Substances List (DSL):**

Substance is listed.

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**· Canadian Ingredient Disclosure List (limit 0.1%)**

Substance is not listed.

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**· Canadian Ingredient Disclosure List (limit 1%):**

Substance is not listed.

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**· Hazard Pictograms:** Not Applicable

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**· Signal Word:** Not Applicable

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**· Hazard Statements:** Not Applicable

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**· Other Hazards:** Molten material may cause thermal burns.

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### 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.

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

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**· 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.