



# MATERIAL SAFETY DATA SHEET

Masplene®-MSDS

Form no : 234/MO/04-14-R03

## SECTION 1 – IDENTIFICATION

Trade Code : Masplene®  
Product Class : Plastic Homopolymer resin  
Chemicals Name : Homopolymer Polypropylene resin  
Formula : (C<sub>3</sub>H<sub>6</sub>)<sub>n</sub>  
Manufacturer : PT Polytama Propindo  
Office : MidPlaza 2, 20<sup>th</sup> floor  
Plant-site : Jl.Raya Juntinyuat Km. 13  
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## SECTION 2 – COMPOSITION OF INGREDIENTS

<u>Ingredients</u>	<u>CAS no.</u>	<u>Concentrations</u>
Polypropylene	9003-07-0	> 99 % (wt)
Additives	Proprietary	< 1.0% (wt)

Raw Material : Propylene : C<sub>3</sub>H<sub>6</sub>  
Synonyms : Plastic, Homopolymer Polypropylene (PP) Pellet form

## SECTION 3 – PHYSICAL AND CHEMICAL PROPERTIES

Appearance	: Semi translucent to white solid pellets.	Water Solubility	: Insoluble
pH	: Not applicable	Melting Point	: 165 °C
Vapor Pressure	: Not applicable	Evaporation Rate	: Not applicable
Viscosity	: Not applicable	Odor	: Normal
Specific Gravity	: 0.91		

## SECTION 4 – HANDLING AND STORAGE

Handling And Storage : Keep container dry. Store away from excessive heat and away from strong oxidizing agents.  
Keep container closed to prevent contamination.

## SECTION 5 – EXPOSURE CONTROLS

Engineering Controls : If user operations generate dust, use ventilation to maintain airborne contaminants below recommended occupational exposure limits.

## SECTION 6 – HAZARD IDENTIFICATION

Emergency Overview : This material is NOT HAZARDOUS by OSHA Hazard Communication definition.  
Signal Word : Caution  
Hazards : None  
Physical State : Solid, Pellet form  
Color : Semi translucent to white.  
Odor : Normal

## SECTION 7 – FIRST AID MEASURES

Eyes : May scratch eye surface/ cause mechanical irritation. Wash eyes with clean fresh water. Seek medical attention if symptoms persist.  
Inhalation : Negligible hazard at ambient temperature, -18°–38°C. Move victim to fresh air. Seek medical attention if symptoms persist.  
Skin : Negligible hazard at ambient temperature -18°–38°C. Wash with soap and water. Seek medical attention if symptoms persist.  
Ingestion : Essentially non toxic ingestion is not a likely route of exposure, If a significant quantity has been swallowed, give two glasses of water to dilute. Seek medical attention

## SECTION 8 – FIRE FIGHTING MEASURES

Flammability Classification : Not classified. Polymer will burn but does not easily ignite.  
Flash Point/Method : Not applicable  
Auto-Ignition Temperature : 450 °C  
Flammable Limits : Lower : Not applicable  
Upper : Not applicable  
Hazardous Combustion Products : Carbon monoxide (CO), olefinic and paraffinic compounds.  
Special Conditions to Avoid : Polyolefin dust particles in the atmosphere are combustible and may be explosive due to electrostatic charged.  
Extinguishing Media : Water spray, foam, carbon dioxide, or dry chemical.  
Firefighting Instructions : Firefighters should wear self-contained breathing apparatus and full fire-fighting turn-out gear (bunker gear). Keep personnel removed and upwind of fire. Water should be used to keep fire-exposed containers cool.

## SECTION 9 – ACCIDENTAL RELEASE MEASURES

- Spill and Leak procedure : Sweep up spilled material for use or disposal. Good house keeping must be maintained to avoid potential slipping problem.
- Caution : Keep walking surface free of spilled material to avoid slipping hazard.

## SECTION 10 – STABILITY AND REACTIVITY

- Chemical Stability : The product is stable.
- Conditions to Avoid : Avoid contact with strong oxidizers, excessive heat, sparks, or open flame. Avoid dust accumulation.
- Incompatibility with : Material may be softened by some hydrocarbons. May be discolored by exposure to amines and strong bases.
- Hazardous Products of Decomposition : Not expected to decompose under normal conditions.
- Hazardous Polymerization : Will not happen.
- Reactions with Air and Water : Does not react with air, water, or other common materials except at high temperature, such as in burning.

## SECTION 11 – TOXICOLOGICAL INFORMATION

### PRODUCT INFORMATION

- Product Summary : No additional toxicology information is available for this material. (See Component Toxicity information).
- Carcinogenicity : See component summary.

### COMPONENT INFORMATION

- Polypropylene 9003-07-0  
Repeated Dose Toxicity : No known chronic health effects.  
Carcinogenicity : Not listed by IARC, NTP or OSHA.
- Proprietary Additives  
Repeated Dose Toxicity : No known chronic health effects.  
Carcinogenicity : Not listed by IARC, NTP or OSHA.

## SECTION 12 – ECOLOGICAL INFORMATION

- Ecotoxicity : Ecotoxicity is expected to be minimal based on the low water solubility of polymers.
- Environmental Fate : No information found in selected references.
- Bioaccumulation : Not expected to occur.

### **SECTION 13 – DISPOSAL CONSIDERATION**

Dispose of in accordance with federal, state, and local regulations. This product is not a RCRA hazardous waste under present EPA regulations.

### **SECTION 14 – TRANSPORTATION INFORMATION**

Transport/Additional information : Not regulated as a dangerous goods for transportation.

### **SECTION 15 – REGULATORY INFORMATION**

EC Labeling : None

Symbol(s) : None

R (Phrase) : None

S (Phrase) : None

### **SECTION 16 – OTHER INFORMATION**

This information supplied has been based upon the current level of information available, for the purpose of specifying the requirements regarding health & safety and environment, in conjunction with the product. They are not to be interpreted as a warranty for specific product characteristics. PT Polytama Propindo takes no responsibility for inappropriate use, processing and handling by purchasers and users of the product.