

Product Name: **Polypropylene**

Synonyms:

# Polypropylene

## Composition / Information on Ingredients

Material	%	TLV	PEL
Polypropylene	100	N/A	N/A

## Physical and Chemical Properties

Melting Point: 160°C  
Vapor Pressure: N/A  
Vapor Density: N/A  
Solubility in Water: Not Soluble  
Ph: N/A  
Specific Gravity: 0.90  
% Volatile By Volume: N/A  
Appearance and Odor: Granular appearance, slight to no odor.

## Fire and Explosion Hazards

Flashpoint: 400°C  
Auto Ignition Temperature: N/A  
Flammable Limits (STP): N/A

Extinguishing Media: Use water fog, dry chemicals or CO<sub>2</sub>

Special Fire Fighting Protective Equipment: Firefighters should be equipped with self-contained breathing apparatus

Unusual Fire and Explosion Hazards: Molten plastics, dust can cause explosion hazards.

## Stability and Reactivity

Stability: Stable

Incompatibility: N/A

Hazardous Decomposition Products: CO<sub>2</sub>, Carbon Monoxide

Hazardous Polymerization: Will not occur

## Health Hazard Identification

General: Toxicity information is not available for this composite. The health hazard assessment is based on information available for the components involved in the composite.

Inhalation: Dust from product can cause irritation of the respiratory system. See precautions and personal protection (section 8 for more information) people with sensitive respiratory systems should wear respirators.

Other Effects of Overexposure: None known

# **Polypropylene (cont.)**

## ***First Aid Procedures***

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Skin: Wash with cool water and treat for thermal burns. Do not peel off plastic from skin, but get medical treatment quickly.

Eyes: Flush with water for 15 minutes. If irritation persists, get medical attention.

Inhalation: Get to fresh air quickly.

## ***Disposal Considerations / Spill or Leak Procedures***

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Disposal Method: Dispose of in Local, State or Federally approved landfill for such materials.

Spills: Sweep, vacuum or shovel into a drum for disposal or reuse. No special precautions are needed.

## ***Exposure Controls / Personal Protection***

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Ventilation: Local exhaust

Respiratory: Standard MSHA / NIOSH approved respirator for dust and vapors.

Other protective equipment: Gloves, heat resistant shoes, clothing and safety glasses are recommended.

## ***Special Precautions***

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None Needed

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