

# NPC – Concrete Reinforcement Fiber

## Material Safety Data Sheet

### Product Name

NPC - Fibrillated and Monofilament Polypropylene fibers.  
Composition: Polypropylene. CAS# 9003-07-0, 100%

### Hazard Identification

Emergency Overview: This product has been evaluated and does not require any hazard warning on the label under OSHA criteria.

### Potential Health Effects

Eye Contact: No significant health hazards identified. Particles or fibers may cause slight discomfort similar to getting dust in the eye.  
Skin Contact: No significant health hazards identified. Particles or fibers may cause slight discomfort similar to getting dust in the eye.  
Inhalation: No significant irritation expected other than possible mechanical irritation.  
Ingestion: No significant health hazards identified.  
HMIS Code: (Health: 0) (Flammability: 0) (Reactivity: 0)  
NEPA Code: (Health: 0) (Flammability: 0) (Reactivity: 0)

### First Aid Measures

Eye: Flush with water. Get medical attention if irritation persists.  
Skin: Wash exposed skin with soap and water. Get medical attention if irritation persists.  
Inhalation: If adverse effects occur, remove to uncontaminated area.  
Ingestion: If a large amount is swallowed, get medical attention.

### Fire Fighting Measures

Flashpoint: 430° F, 221° C, ASTM D92  
UEL: Not determined  
LEL: Not determined  
Auto-ignition Temperature: Not determined  
Flammability Classification: None

### Accidental Release Measures

Contain and remove by mechanical means.

### Handling and Storage

Handling: No special requirements  
Storage: No special requirements

### Exposure Controls / Personal Protection

Eye: None required. Use of eye protection is good industrial practice.  
Skin: None required. Use of protective gloves/clothing is good industrial practice.  
Engineering Controls: Control airborne concentrations below the exposure guidelines.

## Exposure Guidelines

Component	CAS#	Exposure Limits
Polypropylene	9003-07-0	OSHA Total Dust: 15mg/cu Meter OSHA Respirable Dust: 5mg/cu Meter ACGIH Inhalable Particulate: 10mg/cu Meter ACGIH Respirable Particulate: 3mg/cu Meter

## Chemical and Physical Properties

Appearance and Odor:	Colorless and odorless
Vapor Pressure:	Not determined
PH:	Not determined
Melting Point:	320° F, (160° C) 0.01%
Boiling Point:	Not determined
Specific Gravity:	(Water = 1.0) 0.91
Solubility in Water:	Negligible

## Stability and Reactivity

Stable Condition to Avoid:	None identified
Materials to Avoid:	None identified
Hazardous Decomposition:	Incomplete burning can produce carbon monoxide and/or carbon dioxide and other harmful products.

## Toxicological Information

Acute Toxicity Data:	Testing not conducted (eye irritation, skin irritation, dermal LD50, inhalation LC50) see other toxicity data.
Other Toxicity Data:	Specific toxicity tests have not been conducted on this product. Our hazard evaluation is based on information from similar products, the ingredients, technical literature, and/or professional experience.

## Ecological Information

Ecological testing has not been conducted on this product.

## Disposal Information

Enclosed-controlled incineration is recommended unless otherwise directed by applicable ordinances

