

Material Safety Data Sheet



FORTE 18CPP091

Section 1. Chemical Product and Company Identification

Common Name : **FORTE 18CPP091**

Supplier : Noble Polymers
4855 Thirty-Seventh St. SE
Grand Rapids, MI 49512

Synonym : Not available.

Trade name : Not available.

Material Uses : Not available.

Validation Date : **01/06/2004.**

Print Date : 01/06/2004.

Responsible Name : **Dell Tech Laboratories Ltd.
(519) 858-5021**

Manufacturer : Noble Polymers
4855 Thirty-Seventh St. SE
Grand Rapids, MI 49512
(616) 975-4987

Contact numbers : General Information:
(616) 975-4987
Information (After hours):
(616)975-4734
Safety & Env. Manager:
(616)975-4716

Section 2. Composition, Information on Ingredients

Name	CAS #	% by Weight	Exposure Limits	UN number
Polypropylene	9003-07-0	< 98	Not available.	Not applicable.
Filler		< 10	Not available.	Not applicable.

Section 3. Hazards Identification

Physical State and Appearance : Solid. (Pellets.)

Emergency Overview : WARNING!
MAY CAUSE DAMAGE TO THE FOLLOWING ORGANS: RESPIRATORY TRACT.

May contains small amounts of crystalline silica.

Routes of Entry : Inhalation.

Potential Acute Health Effects

Eyes : Slightly hazardous in case of eye contact (irritant).

Skin : Irritation of the product in case of skin contact: Not available.
Non-sensitizer for skin.

Inhalation : Slightly hazardous in case of inhalation (lung irritant).

Ingestion: Not available.

Potential Chronic Health Effects : **Carcinogenic Effects:** Classified None. by NIOSH [Olefin]. Classified 3 (Not classifiable for human.) by IARC [Olefin]. Classified 1 (Proven for human.) by IARC, + (Proven.) by NIOSH [Silica, Crystalline - Quartz]. Classified A2 (Suspected for human.) by ACGIH [Silica, Crystalline - Quartz].

Mutagenic effects: Not available.

Teratogenic Effects: Not available.

Medical Conditions Aggravated by Overexposure : Repeated or prolonged exposure is not known to aggravate medical condition.

Over-exposure signs/symptoms : Not available.

[See Toxicological Information \(section 11\)](#)

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Section 4. First Aid Measures

Eye Contact	: Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention if irritation occurs.
Skin Contact	: Wash with soap and water. Get medical attention if irritation develops. In case of skin contact with molten product, cool rapidly with water and do not attempt to remove molten product from skin because skin will tear easily. Get medical attention immediately.
Inhalation	: If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention if symptoms appear.
Ingestion	: Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical attention if symptoms occur.
Notes to Physician	: Burns should be treated as thermal burns. The material will come off as healing occurs; therefore, immediate removal from the skin is not necessary. Treat symptomatically. Treatment of overexposure should be directed at the control of symptoms and the clinical condition of the patient. After adequate first aid, no further treatment is required unless symptoms reappear. Ingested material should pass through the digestive system without injury.

Section 5. Fire Fighting Measures

Flammability of the Product:	May be combustible at high temperature.
Auto-ignition Temperature :	The lowest known value is >343.33°C (650°F) (Olefin).
Flash Points	: The lowest known value is Open cup: >343.33°C (650°F). (Cleveland.). (Olefin)
Flammable Limits	: Not available.
Products of Combustion	: These products are carbon oxides (CO, CO ₂).
Fire Hazards in Presence of Various Substances	: Slightly flammable to flammable in presence of open flames, sparks and static discharge, of heat.
Explosion Hazards in Presence of Various Substances	: Risks of explosion of the product in presence of mechanical impact: Not available. Risks of explosion of the product in presence of static discharge: Not available.
Fire Fighting Media and Instructions	: SMALL FIRE: Use dry chemical powder. LARGE FIRE: Use water spray, fog or foam. Do not use water jet.
Protective Clothing (Fire)	: Be sure to use an approved/certified respirator or equivalent.
Special Remarks on Fire Hazards	: Not available.
Special Remarks on Explosion Hazards	: Fine dust clouds may form explosive mixtures with air.

Section 6. Accidental Release Measures

Small Spill and Leak	: Use appropriate tools to put the spilled solid in a convenient waste disposal container. Spilled material may create a dangerous slipping hazard. Reuse or recycle where possible
Large Spill and Leak	: Use a shovel to put the material into a convenient waste disposal container. Spilled material may create a dangerous slipping hazard. Reuse or recycle where possible.

Section 7. Handling and Storage

Handling	: Avoid breathing dust. Use with adequate ventilation.
Storage	: Keep container tightly closed. Keep container in a cool, well-ventilated area.

Section 8. Exposure Controls, Personal Protection

Engineering Controls	: Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.
Personal Protection	
Eyes	: Safety glasses.
Body	: Lab coat.

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Respiratory : A respirator is not needed under normal and intended conditions of product use. If dust is generated and ventilation is inadequate, use NIOSH certified respirator that will protect against dust/mist.

Hands : Gloves. Temperature resistant gloves shall be used when handling molten material.

Feet : Not applicable.

Protective Clothing (Pictograms)



Personal Protection in Case of a Large Spill: Splash goggles. Full suit. If dust is generated and ventilation is inadequate, use respirator that will protect against dust. Boots. Gloves. Temperature resistant gloves shall be used when handling molten material.

Product Name
Polypropylene
Filler

Exposure Limits
Not available.
Not available.

[Consult local authorities for acceptable exposure limits.](#)

Section 9. Physical and Chemical Properties

Physical State and Appearance : Solid. (Pellets.)

Color : Tan.

Odor : Slight.

Taste : Not available.

Molecular Weight : Not applicable.

Molecular Formula : Not applicable.

pH (1% Soln/Water) : Not applicable.

Boiling/Condensation Point : Not available.

Melting/Freezing Point : Not available.

Critical Temperature : Not available.

Specific Gravity : 0.91

Vapor Pressure : Not available.

Vapor Density : Not available.

Volatility : Not available.

Odor Threshold : Not available.

Evaporation Rate : Not available.

VOC : Not available.

Viscosity : Not available.

LogK_{ow} : Not available.

Ionicity (in Water) : Not available.

Dispersion Properties : Is not dispersed in cold water, hot water.

Solubility : Insoluble in cold water, hot water.

Physical Chemical Comments : Not available.

Section 10. Stability and Reactivity

Stability and Reactivity : The product is stable.
Conditions of Instability : Not available.
Incompatibility with : Reactive with oxidizing agents.
Various Substances
Hazardous Decomposition : Not available.
Products
Hazardous Polymerization : Will not occur.

Section 11. Toxicological Information

Chronic Effects on Humans: **Carcinogenic Effects:** Classified None. by NIOSH [Olefin]. Classified 3 (Not classifiable for human.) by IARC [Olefin]. Classified 1 (Proven for human.) by IARC, + (Proven.) by NIOSH [Silica, Crystalline - Quartz]. Classified A2 (Suspected for human.) by ACGIH [Silica, Crystalline – Quartz]. Contains material which causes damage to the following organs: lungs, skin, eye, lens or cornea. May cause damage to the following organs: upper respiratory tract.

Other Toxic Effects on: Slightly hazardous in case of eye contact (irritant), of inhalation (lung irritant).
Humans Non-sensitizer for skin.
Special Remarks on Toxicity: Not available.
to Animals
Special Remarks on Chronic: Not available.
Effects on Humans
Special Remarks on Other : Not available.
Toxic Effects on Humans

Section 12. Ecological Information

BOD and COD : Not available.
Biodegradable/OECD : Not available.
Mobility : Not available.
Products of Degradation : These products are carbon oxides (CO, CO₂) and water.
Toxicity of the Products of : The product itself and its products of degradation are not toxic.
Biodegradation
Special Remarks on the : Not available.
Products of Biodegradation

Section 13. Disposal Considerations

Waste Information : Waste must be disposed of in accordance with federal, state and local environmental control regulations.
Waste Stream : Not available.

[Consult your local or regional authorities.](#)

Section 14. Transport Information

Regulatory Information	UN number	Proper shipping name	Class	Packing Group	Label	Additional information
TDG Classification	Not regulated.	-	-	-		-
IMDG Class	Not regulated.	-	-	-		-
IATA-DGR Class	Not regulated.	-	-	-		-

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Section 15. Regulatory Information

WHMIS (Canada) : Class D-2A: Material causing other toxic effects (VERY TOXIC).
 CEPA DSL: All components listed.
 This product has been classified in accordance with the hazard criteria of the CPR and the MSDS contains all the information required by the CPR.

Section 16. Other Information

Hazardous Material Information System (U.S.A.)

Health	*	1
Fire Hazard		0
Reactivity		0
Personal Protection		C

National Fire Protection Association (U.S.A.)



References : Not available.
Other Special Considerations : Not available.

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Notice to Reader

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