



# Hexagon Technologies, Inc.

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**FOR 24 HOUR CHEMICAL EMERGENCIES  
CALL INFOTRAC: 1-800-535-5053**

## MATERIAL SAFETY DATA SHEET

### **HEXAFLOC™ ND5EP**

#### SECTION 1 - PRODUCT IDENTIFICATION

Product Name	Hexafloc™ ND5EP
Chemical Family	Non-ionic water-soluble polymer
Chemical Name	Dry Nonionic polyacrylamide
Product Appearance	Dry white powder, free flowing

#### SECTION 2 - HAZARDOUS INGREDIENT INFORMATION

This product contains polyacrylamide (non-hazardous).  
Under 29CFR1910.1200, the product does not contain any hazardous compounds. This product is NSF-approved for drinking water applications.

#### SECTION 3 - HEALTH INFORMATION AND PROTECTION

##### Nature of Hazard

Eye Contact: Irritating and will injure eye tissue if not washed off promptly and thoroughly.  
Skin Contact: Irritating. Low order of toxicity.  
Inhalation: Irritating to eyes and respiratory tract in high concentrations.  
Ingestion: Small amounts of the liquid aspirated into the respiratory system during ingestion or from vomiting may cause bronchiopneumonia or pulmonary edema.

##### First Aid

Eye Contact: Immediately flush eyes with large amounts of water for 15 minutes. Seek medical attention.  
Skin Contact: Flush with large amounts of warm water; use soap if available. Remove grossly contaminated clothing, including shoes, and launder before reuse.  
Inhalation: Using proper respiratory protection, immediately remove the affected victim from exposure. Administer artificial respiration if breathing is stopped. Keep at rest. Call for prompt medical attention.  
Ingestion: If swallowed, DO NOT induce vomiting. Keep at rest. Get prompt medical attention.

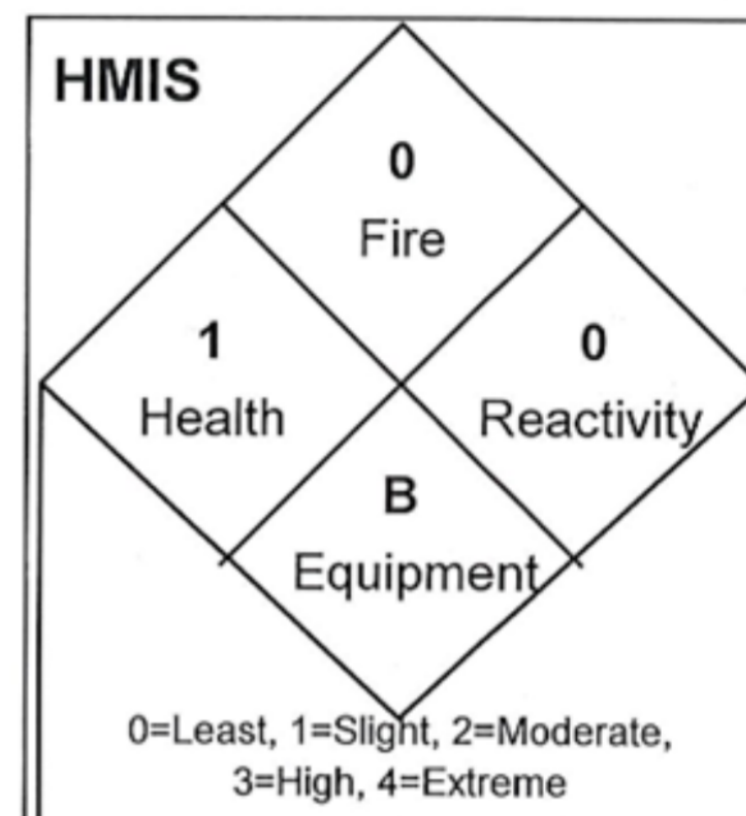
##### Personal Protection

For open systems where contact is likely, wear long sleeves, chemical resistant gloves and chemical goggles. Safety glasses with side shields are mandatory. Where concentrations in air may exceed the limits given above, MOSH/MSHA approved respirators may be necessary to prevent overexposure  
Ventilation: The use of mechanical dilution ventilation is recommended whenever this product is used in a confined space, is heated above ambient temperatures or is agitated.

#### SECTION 4 - FIRE AND EXPLOSION HAZARD

Flashpoint: Not applicable, Flammable Limits: Not Applicable, Auto-ignition Temperature: Not Applicable  
General Hazard: Low Hazard - Liquid can burn upon heating to temperatures above flashpoint. "Empty" containers can retain product residue (liquid and/or vapor) and can be dangerous. DO NOT PRESSURIZE, CUT, WELD, BRAZE, SOLDER, DRILL, GRIND, OR EXPOSE SUCH CONTAINERS TO HEAT, FLAME, SPARKS, STATIC ELECTRICITY OR OTHER SOURCES OF IGNITION; THEY MAY EXPLODE AND CAUSE INJURY OR DEATH. Empty drums should be completely drained, properly bunged and promptly returned to a drum reconditioner or properly disposed of.

Fire Fighting: Use water to cool hot surfaces and to protect personnel. Use foam, dry chemical or water spray to



extinguish fire. Respiratory and eye protection required for fire fighting personnel.  
Decomposition Product: Under Fire Conditions: No unusual or toxic products.

#### SECTION 5 - SPILL CONTROL PROCEDURE

Land Spill: For small spills in work areas, implement cleanup procedures using dry absorbents. For large spills, implement cleanup procedures and if in public area, keep public away and advise authorities. Prevent liquid from entering sewers, watercourses, or low areas. Contain spilled liquid with sand or earth. Dry cat litter is recommended as a dry absorbent. Recover by pumping or with suitable absorbent. If liquid is too viscous for pumping, scrape up. Consult an expert on disposal of recovered material and ensure conformity to local disposal regulations.

Water Spill: Remove from surface by skimming or with suitable absorbents. Do not use dispersants. Consult an expert on disposal of recovered material, and ensure conformity to local disposal regulations.

Caution: Polymer spilled on floors is very slippery and difficult to "hose down". It should be "scooped up" as much as possible and the remaining thin film absorbed with a solid absorbent material such as a sweeping compound. Alternatively, the area may be hosed down after most of the polymer has been removed. In case of small spills in plant, alert employees of slippery surface and put appropriate signs all around slippery surface.

#### SECTION 6 - NOTES

Protect from freezing If frozen, let it sit in a warm area. Store in dry area.

#### SECTION 7 - REGULATORY INFORMATION

TSCA: Components of this product are listed on the TSCA Inventory. CERCLA: Under the Comprehensive Response, Compensation and Liability Act (CERCLA), certain releases to the air and/or water may be reportable to the National Response Center at 800424-8802. Circumstances surrounding the release and cleanup determine reportability. This product is not subject to CERCLA reporting requirements. SARA Title III: Under the provisions of Title III, Sections 311/312 of the Superfund Amendments and Reauthorization Act (SARA), this product is classified into the following hazard categories: Immediate Health: This product does not contain Section 313 Reportable Ingredients.

#### SECTION 8 - PHYSICAL & CHEMICAL PROPERTIES

Form	Granular Solid
pH	4.0 to 6.0
Color	White
Melting Point	NA
Vapor Pressure	NA

#### SECTION 9 - REACTIVITY DATA

Stability: Stable, Materials and Conditions to Avoid Incompatibility: Strong Acids, Alkalis, or oxidizing agents may degrade product. Hazardous Decomposition Products: None Hazardous Polymerization: Will not occur Conditions To Avoid Hazardous Polymerization: NA

#### SECTION 10 - TRANSPORT AND STORAGE

U.S. DOT Classification: Not regulated by DOT; Keep in a dry, cool place (0 to 30 deg. C)

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