

PHU DU ENVIRONMENT COMPANY LIMITED	Material Safety Data Sheet Carbopol ® 940 NF Polymer (+)	SDS 0001 - 7 Jan, 02, 2018
---	---	-------------------------------

I. Chemical Product and Company Identification

- Product Name: **CARBOPOL® 940 NF POLYMER**
- CAS#: 9003-01-4
- Synonym: Carbomer 940, Carboxyvinyl Polymer

- **Contact Information:**

- PHU DU ENVIRONMENT COMPANY LIMITED
- 3 Hamlet, 2 Section, Long An Town, Long Thanh District, Dong Nai Province
- Tell : 0251.2860.236
- Fax: 0251 2860 238

II. Composition and Information on Ingredients

- **Composition**

Name: **CARBOPOL® 940 NF POLYMER**

CAS #: 9003-01-49003-01-4

III. Hazards Identification

- Respiratory protection: Dust mask; Hand protection: Gloves Eye protection: Chemical safety goggles
- The product is not flammable.
- Contact the powder with skin or eyes can cause itching and skin slightly reddened



IV. First Aid Measures

- *After skin contact:* Remove contaminated clothing, take a shower, and carefully wash affected skin with soap and plenty of water.
- *After eye contact:* After separating the eyelids flush with copious amounts of water, contact an oculist if irritation persists.
- *After ingestion:* If affected person is conscious, give copious amounts of water to drink, immediately take care for medical observation.
- *After inhalation:* Remove affected person immediately from contaminated area, if inconvenience persists contact a physician...

V. Fire and Explosion Data

- Flammability & explosion
- *Fire fighting:* Special exposure hazards arising from combustion product is formation of harmful carbon monoxide at the combustion gases which are irritating to respiratory tract and mucous membranes. Expose to the fire with water spray. Wear a self-containing breathing apparatus and OSHA/MSHA approved protective clothing

VI. Accidental Release Measures

- *Spillage:* Wear protective things, close drains, and gather amounts of the product. Cover residue with an inner absorbent for example rags; take up by mechanical means and hold product for hazardous waste disposal. Thoroughly rinse affected ground with plenty of water

VII. Handling and Storage.

- Store product in tightly closed containers in a cool, dark and ventilated area. Install spillage containers.
- Avoid spills and splashes during refilling process.
- Handling product only in well-ventilated areas.
- Provide eye bath at the working place.
- Avoid inhalation of vapors when handling the thermal treated product.
- Only use corrosion resistant tool and equipments.

VIII. Personal Protection

- Where creation of dust is unavoidable, prolonged and/or repeated skin exposure are unavoidable, use conventional approved or equivalent respiratory protection equipment based on consideration of airborne and duration of exposure.
- Regular long sleeved garments and long pants should be sufficed.
- Eye: Use appropriate eye protection equipment to minimize contact with dust from dry product. Avoid wearing contact lenses in the presence of dust.
- To avoid accidentally ingesting this product, wash hands at breaks and before eating.
- Use adequate ventilation to prevent dust from accumulating in workplace.

IX. Physical and Chemical Properties

- Physical state and appearance: Solid. (Granular solid.)
- Odor: Odorless.
- Taste: Not available.
- Color: White.
- Melting point Approx 200 °C
- Solubility 20 – 30%
- pH value Approx 6.0

X. Stability and Reactivity Data

- Chemical stability Stable at room temperature
- Incompatibility with other substances
- Flammability may be enhanced by presence of strong oxidizers.

- Swells enormously and becomes much heavier when material absorbs water, mechanical bursting hazard may occur in the process.

XI. Toxicological Information

- Skin contact: Non-irritating to slightly irritating to skin
- Eye contact: May result in moderate mechanical irritation by palpable powder or granular forms. Dust may cause stinging eyes.
- Inhalation of dust Large quantity of dust inhalation may cause irritation to lung.
- Ingestion: Consult a physician if possible. Do not induce vomiting except directed by a physician.

XII. Ecological Information

- Ecotoxicity: Not available
- BOD5 and COD: Not available
- Toxicity of the Products of Biodegradation: The products of degradation are less toxic than the product itself.
- Special Remarks on the Products of Biodegradation: Not available.

XIII. Disposal Considerations

- Waste Disposal:
Waste must be disposed of in accordance with federal, state and local environmental control regulations

XIV. Transport Information

- Regulatory name: Regulations on the transport of dangerous goods of Vietnam
- Packing: bag
- Decree No. 104/2009 / ND-CP dated 09/11/2009 of the Government: List of dangerous goods and transport of dangerous goods by road motor vehicles

XV. Other Regulatory Information

- Status declaration, registered in the countries of the world
- Hazard classification by country of declaration, registration
- Compliance technical standards

XVI. Other Information

- Date of compilation: 02/ 01/2018
- Name of the organization or individual drafting: PHU DU ENVIRONMENT COMPANY LIMITED

- Note the reader
- The information in this Chemical Safety Data Sheet is compiled based on the latest knowledge of hazardous chemicals and must be used to implement risk prevention measures.
- Hazardous chemicals in this form may have other hazardous properties depending on the circumstances of use and exposure