

MATERIAL SAFETY DATA SHEET

Product name: Poly Nylon Vacuum Pouches (30NV Series)

ACCORDING TO 91/155/EEC AND ISO 11014-1

DATE: December, 22, 2006

NUMBER: FIJSGH0512103MSDSEU

IDENTITY: (As used on label and list)

Product name: BOPA film

Common name:

Type: 15 µm

SECTION I – Chemical Product and Company Identification

Emergency Telephone Number: +56-22-59611318

Telephone Number for Information: +56-22-59611318

Fax Number for Information: +56-22-59611348

Mobile Phone: +86-13820893809

Web Site: www.BOPA.com.cn

SECTION II – Composition / Information on Ingredients

Substance	CAS No.	% wt	Risk
Nylon 5	25038-54-4	>90	
Silicon dioxide	7531-03-3	<10	A2G

SECTION III – Hazards Identification

Routes of entry:

Inhalation: YES

Skin: YES

Ingestion: YES

Health hazards acute and chronic:

Contact with molten material may cause thermal burns. Processing fumes may cause irritation to the respiratory tract.

SECTION IV – First-aid Measures

Eye: Wash thoroughly with running water. Get medical advice if irritation develops.

Skin: Take off contaminated clothes immediately. Wash with soap, water or other special scour.

Inhalation: Remove to fresh air. Get medical attention for any breathing difficulty.

Ingestion: If ingested, do not induce vomiting; give the victim several glasses of water to drink. Get medical help immediately. Keep the victim warm and quiet until medical help arrives.

SECTION V – Fire Fighting Measures

Extinguishing media: Use water spray and foam, water spray is preferred. Dry chemical and carbon dioxide are not generally recommended due to their lack of cooling capacity which may allow re-ignition.

Fire fighting procedures: In the event of a fire, wear full protective clothing and the OSHA approved self-

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contained breathing apparatus with full face piece operated in the pressure demand or other positive pressure mode. Fight fire from the medium distance. Evacuate area.

Specific hazards: Combustion of fire may produce hazardous decomposition fumes and vapors.

SECTION VI – Accidental Release Measures

Personal precautions: Eliminate all ignition sources.

Environmental precautions: The pellets regrind and purge of this material are non-hazardous and may be discarded in accordance with applicable governmental regulations and take order with the conditions of the environmental protection section.

Methods of cleanup: Spilled pellets may cause a slipping hazard. Sweep, scoop or pick up and containerize for reclamation or disposal.

SECTION VII – Handling and Storage

Handling precautions: Mechanical handling can cause the formation of dusts. To reduce the risk for dust explosion do not permit dust to accumulate. Proper purging to avoid overheating of this compound.

Avoid temperatures above 220 °C.

Make available in the work area: emergency shower and eye wash.

Keep away from heat, sparks and open flames.

Storage precautions: Store in a cool, dry and well ventilated area and away from sources of ignition, excessive heat and direct sunlight. Keep container closed when not in use. Protect from physical damage. Separate from combustible strong acids, bases and strong oxidizing agents. Lift it lightly when loading and transport; protect the packing and container from damage.

Incompatible products: Separated from combustible, strong bases and strong acids, oxidants. Resistant to most organic chemicals, but dissolved by phenol and cresol.

SECTION VIII – Exposure Controls / Personal Protection

Exposure guidelines:

Silicon:

IARC evaluation: Dust is probably carcinogenic to humans. Dust can cause silicosis. Typical 8 hr TWA 0.3mg/m³ total dust.

Engineering: Use exhaust ventilation to keep airborne concentration below exposure limit.

Personal protection equipment: Eliminate all ignition sources.

Respiration protection: Provide general dilution ventilation to keep exposure to vapors as low as possible. Can wear a NIOSH approved respirator for protection against processing fumes or from dust generated from grinding, handling or awaiting operation.

Eye protection: Protective glasses. Protective goggles.

Hand protection: Canvas or cotton gloves.

Skin and body protection: Recommended decontamination policies: eye bath, safety shower, washing facilities.

SECTION IX – Physical and Chemical Properties

Color: colorless and transparent

Appearance: solid

Boiling point: N/A

Viscosity: >3.9

Vapor density (Air=1): N/A

Vapor pressure: N/A

Specific gravity (H₂O=1): N/A

Melting point: 220 °C

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Solubility in water: Insoluble
Density: 1.14 g/cm³
Flash point: N/A
Explosion limits: N/A
Autoignition temperature: N/A
N/A= Not Applicable

SECTION X – Stability and Reactivity

Stability: The product is considered stable under normal conditions.
Materials to avoid: Strong oxidants, strong acids, strong bases, phenol and cresol.
Stability conditions to avoid: Avoid heat (>135 °C).
Hazardous decomposition products: Thermal decomposition products may include carbon oxides, nitrogen oxides, and hydrogen cyanide and other possible byproducts.

SECTION XI – Toxicological Information

Acute animal toxicity data:
Oral: N/E
Dermal: N/E
Skin irritation: N/E
Mutagenicity: N/E

SECTION XII – Ecological Information

Environmental toxicity: On the basis of available information, this material is not expected to produce any significant adverse environmental effects when recommended use instructions are followed.

SECTION XIII – Disposal Considerations

Waste disposal methods: The pellet, regrind and purge of this material are non-hazardous and may be discarded in accordance with applicable governmental regulations and take order with the conditions of the environmental protection section.
Empty container warnings: Empty containers may contain product residue, follow SDS and label warnings even after they have been emptied.

SECTION XIV – Transport Information

D.O.T. shipping information: Not regulated under US Department of Transportation.
The regulations may change from time to time. Please consult the most recent version of the relevant regulations. Follow all the regulations of your country.

SECTION XV – Regulatory Information

EC Label: N/A
Contains: N/A
Other regulations: N/A
For detailed regulations you should contact the appropriate agency in your country.

SECTION XVI – Other Information

This data is offered in good faith as typical values and not as a product specification. The information in this data sheet was compiled from information supplied by the vendors of the components of this compound. No warranty, either expressed or implied is hereby made. The recommended industrial hygiene and handling procedures are believed to be generally applicable. However, each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate.

NOTE

This Material Safety Data Sheet (MSDS) is for guidance and based upon information and tests believed to be reliable. Elkay Plastics Co., Inc. makes no guarantee of the accuracy or completeness of the data and shall not be liable for any damages relating there to. This data is offered solely for your consideration, investigation and verification. Elkay Plastics Co., Inc. assumes no legal responsibility for use or reliance upon this data.