



Nhon Trach III, I.Z, Hiep Phuoc Town, Nhon Trach Dist,  
Dong Nai Prov., Vietnam

Safety Data Sheet

Date/revised : 7/31/2020

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**Product: Sunylon Nylon 6 chip**

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**1. Product and company identification**

Product Name	: Nylon 6 chip
Other Name	: Polyamide N6 ; Polycaprolactam
Chemical Formula	: (C <sub>6</sub> H <sub>11</sub> NO) <sub>n</sub>
Suggested uses and restrictions on use:	spinning, injection, modification, film and monofilament
Manufacturer	: FORMOSA INDUSTRIES CORPORATION
Address	: Nhon Trach III, I.Z, Hiep Phuoc Town, Nhon Trach Dist, Dong Nai Prov., Vietnam
Emergency Telephone	: +84-61-356-0309    FAX: +84-61-356-0303
Emergency Contact Number	: +84-61-356-0309

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**2. Hazard Identification Data**

Classification of Chemical Hazards: Non-dangerous goods or mixtures. Composition/information on ingredient

Sign: 1. Symbol: - 2. Warning: - 3. Hazard Warning Message:

4. Hazard Precautions: Not to swallow store in well ventilated places No fireworks

Other Hazards: ---

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**3. Ingredient Identification Data Pure Substances**

Pure Substances	
Chinese and English name:	: Nylon 6 chip 耐隆6粒
Synonymous name Chemical Digest	: Polycaprolactam); N6 polyamide grain (Polyamide N6)
Registration Number (CAS No.)	: 25038-54-4
Harmful ingredients (percentage of ingredients):	: 100%

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**4. First-aid measures**

Inhalation	: Remove to fresh air. Get medical attention for any breathing difficulty.
Skin contact	: Burns caused by molten material require hospital treatment.
Eye contact	: Any material entering the eye should be flushed out with copious volumes of water.
Ingestion	: No danger of toxicity, this material is biologically inactive.

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## 5. Fire-fighting measures

Fire extinguishing media : Water,foam,dry extinguishing media.

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Further information: fire conditions traces of other toxic substances are possible.  
Formation of further decomposition and oxidation proucts depends upon the fire conditions.  
: Dispose of fire debris and contaminated extinguishing water in accordance with official regulations.

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## 6. Accidental release measures

Pick up with suitable applicance and dispose of.

Wear appropriate personal protective equipment as specified in Section 8.Spills,  
Sweep, scoop or pick up and containerize for reclamation or disposal.

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## 7. Handling and storage

Protection against fire and explosion:

Take precautionary measure against static discharges.

Keep in a tightly closed container, stored in a cool, dry, ventilated area,Protect against physical damage. Containers of this material may be hazardous when empty since they retain product residues (dust, solides).

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## 8. Exposure controls and personal protection

Personal protective equipment : Worn the heat resistant gloves when handing a hot melt.

Hygiene measures : Mild soap and hand cleanser should be supplied at all working locations for washing.  
Smoking,eating and drinking in working and storage area's should be prohibited.

## 9. Physical and chemical properties

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Physical state	: solid, at 20 °C
Form	: granular

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Change in physical state	
Melting range	: 215 ~ 225 °C
Ignition temperature	: > 400 °C
Vapour pressure	: not applicable
Density	: 1.13g/cm <sup>3</sup>
Bulk density	: 650g/cm <sup>3</sup>
Solubility in water	: insoluble

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## 10. Stability and reactivity

Conditions to avoid	: Temperatur > 300 °C will decompose.
Materials to avoid	: Strong oxidizing agents.
Hazardous decomposition products	: Carbon monoxide, hydrogen cyanide

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## 11. Toxicological information

Additional information	: In our experience and according to information available to us the product is not harmful to health provided it is correctly handled and processed according to the given recommendations.
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## 12. Ecological information

Persistence/degradability	: Very low UV degradability.
Eco-toxicity	: NO indication that this material is being a risk to the environment.
Aquatic toxicity	: Insoluble non toxic solid material (no water hazard).

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### 13. Disposal considerations

Product	: Check for possible recycling. Can be dumped with domestic refuse or incinerated in suitable plant in
Contaminated packaging	: Packs must be completely emptied.

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### 14. Transport information

Keep this material dry during transport.  
Not classified as hazardous under transport regulations.

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### 15. Regulatory information

Follow all regulations in your country.

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### 16. Other information

List of references	: The GhS website of the Labour Committee of the Executive Council
Manufacture:	: FORMOSA INDUSTRIES CORPORATION Nhon Trach III, I.Z, Hiep Phuoc Town, Nhon Trach Dist, Dong Nai Prov., Vietnam TELEPHONE: +84-61-356-0309 FAX: +84-61-356-0303
List	: Title: Anwei Engineer Name (signature): YANG CHIN CHANG
List data	: 7/31/2020

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The information contained herein is based on the present state of our knowledge and does not therefore guarantee certain properties.

Recipients of our product must take responsibility for observing existing laws and regulations.