

MSDS

PA 6C NATURAL

Material Safety Data Sheet
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1. PRODUCT AND IDENTIFICATION

Product name:	PA 6C Natural
Chemical Name:	Cast Polyamide 6 / Cast Nylon 6
Product use:	Thermoplastic stock-shape for machining
Company ID:	Viva Nylons Limited 26 Lunsford Road, Leicester, LE5 0HJ, United Kingdom T: 44 (0)116 246 5801, E: sales@vivanylons.com, W: www.vivanylons.com

2. HAZARD IDENTIFICATION

GHS Classifications:	Not applicable
Classification:	None
Signal word:	None
Hazard statement:	Not classified as dangerous in accordance with EU Directive 1999/45/EC The product does not require a hazard warning label in accordance with Directive 67/548/EC.

3. COMPOSITION INFORMATION ON INGREDIENTS

Chemical name:	Cast Polyamide 6 / Cast Nylon 6
Description:	Thermoplastic stock-shape for machining (Semi finished-product in rod, plate and tubes, shapes and blocks, or as a manufactured engineering components)
Composition:	Polyamide 6

4. FIRST-AID MEASURES

Eye:	Flush with water for 15 minutes and seek medical attention if irritation persists.
Skin:	No skin contact health risks at ambient temperature. If skin is exposed to molten material, cool under running water. Do not attempt to remove molten material, seek medical attention immediately.
Inhalation:	If fumes from overheating are inhaled, seek fresh air. Seek medical attention if respiratory or breathing difficulties occur.
Ingestion:	Use first aid methods to remove obstruction. Rinse mouth with water, do not induce vomiting and seek medical attention.

5. FIRE-FIGHTING MEASURES

Instructions:	Firefighters should wear full-face self-contained breathing apparatus and protective clothing. Product burns with visible flame, extinguish fires with water, foam, carbon-dioxide or dry chemical extinguishers.
Material hazard:	In the event of fire, toxic vapour can be released containing carbon dioxide, carbon monoxide and traces of hydrogen cyanide.

6. HANDLING AND STORAGE

Handling:	Evacuate residue to prevent slippage hazard, sweep-up for disposal. Handle heavier pieces either with lifting equipment or sufficient manpower.
Handling hygiene:	Wash hands after working with the materials and before eating.
Storage:	Store in a area away from water and high relative humidity.
Safe storage:	Store in a sprinkler protected facility.

7. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering controls:	Provide driven ventilation to minimize airborne particles to accumulate during machining.
Personal Protective Equipment (PPE):	
Eyes / face (PPE):	Safety glasses with side shields to protect from small particles generated by machining.
Skin (PPE):	If handling molten material, wear protective clothing, heat-resistant gloves & work boots.
Respiratory (PPE):	NIOSH approved respirator is recommended when airborne exposure limits are exceeded.

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8. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Solid Rod, sheet, tube, billets, strips or component
Odour:	None
Density:	1.145/cm ³
Water solubility:	Insoluble
Melting point:	220°C (437°F)
Decomposition temperature:	>300°C (>572°F)
Flash point:	>400°C (>752°F)
Vapor pressure:	-

10. TOXICOLOGICAL INFORMATION

Aggravated medical:	No data available
Acute effects:	Non-toxic
Skin irritation:	Not irritating to the skin
Eye damage / irritation:	Particulates can be mechanically irritating to the eye.
Respiratory / skin sensitization:	No information available for the product.
Germ cell mutagenicity:	No information available for the product.
Carcinogenicity:	No information available for the product.
Reproductive toxicity:	No information available for the product.
Aspiration Hazard:	No information available for the product.

11. ECOLOGICAL INFORMATION

Ecotoxicity:	No known ecological toxicity values
Persistence and degradability:	Expect high persistence and slow degradability
Bioaccumulative potential:	No information available for the product
Mobility in soil:	No information available for the product

13. DISPOSAL CONSIDERATION

Recycling:	Greatly encouraged
Disposal:	In accordance with local and national regulations

14. TRANSPORT INFORMATION

UN No.:	Not classified as dangerous goods under transport regulations (UN RTDG)
US Department of Transport:	Classification (49CFR) – not classified as hazardous for transport
Mobility in soil:	No data available

14. REGULATORY INFORMATION

Note:	This product is compliant with:
a.	EU Directive 2002/95/EC
b.	EU Directive 2002/96/EC
c.	EU Directive 2003/11/EC
SARA:	This product is considered not to have met any hazards category under the section 311 and 312 of SARA Title III, because it does not contain fire retardants being self-extinguishing to standard HB of IEC 60695-10-11 and UL 94.
Reach Directive:	This product does not contain any substances designated by the EU Reach Directive as being 'Substances (of) Very High Concern', or SHVC's.

SAFETY DATA SHEET

In accordance with REACH regulations. Revised 06.09.2019