

## MSDS

### PA 6C WFN

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#### 1. PRODUCT AND IDENTIFICATION

<b>Product name:</b>	PA 6C WFN
<b>Chemical Name:</b>	Cast Polyamide 6 / Cast Nylon 6
<b>Product use:</b>	Thermoplastic stock-shape for machining
<b>Company ID:</b>	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

<b>GHS Classifications:</b>	Not applicable
<b>Classification:</b>	None
<b>Signal word:</b>	None
<b>Hazard statement:</b>	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

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

#### 4. FIRST-AID MEASURES

<b>Eye:</b>	Flush with water for 15 minutes and seek medical attention if irritation persists.
<b>Skin:</b>	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.
<b>Inhalation:</b>	If fumes from overheating are inhaled, seek fresh air. Seek medical attention if respiratory or breathing difficulties occur.
<b>Ingestion:</b>	Use first aid methods to remove obstruction. Rinse mouth with water, do not induce vomiting and seek medical attention.

#### 5. FIRE-FIGHTING MEASURES

<b>Instructions:</b>	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.
<b>Material hazard:</b>	In the event of fire, toxic vapour can be released containing carbon dioxide, carbon monoxide and traces of hydrogen cyanide.

#### 6. HANDLING AND STORAGE

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

#### 7. EXPOSURE CONTROLS / PERSONAL PROTECTION

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

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#### 8. PHYSICAL AND CHEMICAL PROPERTIES

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

#### 10. TOXICOLOGICAL INFORMATION

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

#### 11. ECOLOGICAL INFORMATION

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

#### 13. DISPOSAL CONSIDERATION

<b>Recycling:</b>	Greatly encouraged
<b>Disposal:</b>	In accordance with local and national regulations

#### 14. TRANSPORT INFORMATION

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

#### 14. REGULATORY INFORMATION

<b>Note:</b>	This product is compliant with:
<b>a.</b>	EU Directive 2002/95/EC
<b>b.</b>	EU Directive 2002/96/EC
<b>c.</b>	EU Directive 2003/11/EC
<b>SARA:</b>	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.
<b>Reach Directive:</b>	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